Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017135.D
Acq On : 13 Sep 2023 02:27
Operator : MA/JU
Sample : PB155284BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Sep 13 04:14:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 12 23:27:27 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS284

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

09/13/2023
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09/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	308428	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	1401209	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.616	164	917280	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	2081825	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	2083131	20.000	ng/ul	0.00
88) Perylene-d12	24.010	264	2192103	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	37476	5.106	ng/uL	0.00
4) Pyridine-d5	3.746	84	544525	25.935	ng/ul	0.00
7) Phenol-d5	7.105	99	710312	28.323	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	419516	26.763	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	555010	27.741	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	553500	26.630	ng/ul	0.00
21) Nitrobenzene-d5	9.151	128	267740	27.288	ng/ul	0.00
24) 2-Nitrophenol-d4	9.869	143	298078	28.457	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.393	165	561514	27.719	ng/ul	0.00
31) 4-Chloroaniline-d4	10.945	131	745197	24.406	ng/ul	0.00
46) Dimethylphthalate-d6	14.028	166	1724190	26.414	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	1916783	25.879	ng/ul	0.00
54) 4-Nitrophenol-d4	14.839	143	330618	26.206	ng/ul	0.00
60) Fluorene-d10	15.610	176	1482738	26.271	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	312511	26.868	ng/ul	0.00
73) Anthracene-d10	17.486	188	2334013	26.387	ng/ul	0.00
81) Pyrene-d10	19.721	212	2929215	26.812	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.845	264	2859139	27.634	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	78632	9.963	ng/uL	91
5) Pyridine	3.769	79	522525	24.027	ng/ul	98
6) Benzaldehyde	7.110	77	385936	27.641	ng/ul	99
8) Phenol	7.134	94	735426	27.804	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.393	93	568443	26.945	ng/ul	98
12) 2-Chlorophenol	7.510	128	577474	28.436	ng/ul	99
13) 2-Methylphenol	8.399	108	538315	27.300	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.487	45	734909m	25.705	ng/ul	
16) Acetophenone	8.804	105	894975	27.510	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.781	70	460348	27.537	ng/ul	99
18) 4-Methylphenol	8.734	108	596181	27.327	ng/ul	97
19) Hexachloroethane	9.022	117	231731	27.746	ng/ul	96
22) Nitrobenzene	9.199	77	677302	26.507	ng/ul	97
23) Isophorone	9.710	82	1263659	26.391	ng/ul	99
25) 2-Nitrophenol	9.899	139	331839	28.504	ng/ul	99
26) 2,4-Dimethylphenol	9.940	107	500171	21.081	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.198	93	777331	25.902	ng/ul	100
29) 2,4-Dichlorophenol	10.422	162	562082	27.411	ng/ul	97
30) Naphthalene	10.834	128	1835260	25.883	ng/ul	100
32) 4-Chloroaniline	10.969	127	663708	22.275	ng/ul	98
33) Hexachlorobutadiene	11.057	225	367403	26.387	ng/ul	99
34) Caprolactam	11.798	113	196858m	30.541	ng/ul	
35) 4-Chloro-3-methylphenol	12.069	107	613860	27.668	ng/ul	99
36) 2-Methylnaphthalene	12.440	142	1247822	26.081	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.657	142	1222856	25.250	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.787	216	701576	25.680	ng/ul	99
40) Hexachlorocyclopentadiene	12.734	237	333625	19.600	ng/ul	100
41) 2,4,6-Trichlorophenol	13.040	196	457298	26.349	ng/ul	99
42) 2,4,5-Trichlorophenol	13.110	196	509335	27.604	ng/ul	99
43) 1,1'-Biphenyl	13.445	154	1719050	26.135	ng/ul	99
44) 2-Chloronaphthalene	13.492	162	1350136	25.848	ng/ul	99
45) 2-Nitroaniline	13.734	65	407862	28.827	ng/ul	96
47) Dimethylphthalate	14.075	163	1784171	26.925	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	356482	29.426	ng/ul	99
50) Acenaphthylene	14.345	152	2128269	24.873	ng/ul	100
51) 3-Nitroaniline	14.563	138	380931	29.393	ng/ul	97
52) Acenaphthene	14.681	153	1470464	25.970	ng/ul	100
53) 2,4-Dinitrophenol	14.763	184	207576	24.463	ng/ul	95
55) 4-Nitrophenol	14.851	109	272399	26.977	ng/ul	97
56) Dibenzofuran	15.016	168	2054205	26.253	ng/ul	99
57) 2,4-Dinitrotoluene	15.004	165	537374	29.789	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.233	232	427855	26.432	ng/ul	97
59) Diethylphthalate	15.434	149	1794677	27.432	ng/ul	99
61) Fluorene	15.669	166	1716596	26.535	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.657	204	866194	26.336	ng/ul	99
63) 4-Nitroaniline	15.733	138	385009	31.955	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.757	198	329175	26.371	ng/ul#	94
67) N-Nitrosodiphenylamine	15.886	169	1464558	27.056	ng/ul	99
68) 4-Bromophenyl-phenylether	16.563	248	548888	27.660	ng/ul	95
69) Hexachlorobenzene	16.639	284	628591	26.762	ng/ul	100
70) Atrazine	16.839	200	324620	16.567	ng/ul	99
71) Pentachlorophenol	17.010	266	354478	23.222	ng/ul	99
72) Phenanthrene	17.428	178	2821666	26.971	ng/ul	100
74) Anthracene	17.522	178	2789912	26.330	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	70875	2.462	ng/uL	98
76) Pentachlorobenzene	14.910	250	730793	27.980	ng/uL	100
77) Carbazole	17.804	167	2620484	28.164	ng/ul	99
78) Di-n-butylphthalate	18.316	149	3158930	29.794	ng/ul	100
80) Fluoranthene	19.392	202	3490223	27.333	ng/ul	100
82) Pyrene	19.751	202	3633261	26.928	ng/ul	99
83) Butylbenzylphthalate	20.610	149	1483081	30.820	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.410	252	1237339	28.972	ng/ul	99
85) Benzo(a)anthracene	21.468	228	3698283	27.115	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.345	149	2152289	31.862	ng/ul	99
87) Chrysene	21.527	228	3479110	27.421	ng/ul	99
89) Di-n-octyl phthalate	22.310	149	3666903	30.168	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	3662552	28.345	ng/ul	99
91) Benzo(k)fluoranthene	23.280	252	3560992	27.722	ng/ul	100
93) Benzo(a)pyrene	23.898	252	3196391	26.664	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.692	276	3847264	28.982	ng/ul	99
95) Dibenzo(a,h)anthracene	26.709	278	3258031	29.217	ng/ul	100
96) Benzo(g,h,i)perylene	27.527	276	3031225	29.531	ng/ul	98

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Supervised By :mohammad ahmed

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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