Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017533.D
Acq On : 04 Oct 2023 15:21
Operator : MA/JU
Sample : SSTD08064
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 04 16:08:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 04 15:35:13 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD080628

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
10/05/2023
Supervised By :mohammad ahmed
10/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	113266	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	470279	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.639	164	293477	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.427	188	652868	20.000	ng/ul	0.00
79) Chrysene-d12	21.562	240	633480	20.000	ng/ul	0.00
88) Perylene-d12	24.150	264	674140	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	85491	29.752	ng/uL	0.00
4) Pyridine-d5	3.728	84	609666	80.107	ng/ul	0.00
7) Phenol-d5	7.104	99	772860	81.477	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	457633	76.696	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	608205	81.322	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	611250	79.495	ng/ul	0.00
21) Nitrobenzene-d5	9.157	128	302225	84.467	ng/ul	0.00
24) 2-Nitrophenol-d4	9.869	143	352026	87.991	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	629157	83.997	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	851418	77.859	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	1819894	79.375	ng/ul	0.00
49) Acenaphthylene-d8	14.339	160	2081251	83.085	ng/ul	0.00
54) 4-Nitrophenol-d4	14.886	143	333470	87.050	ng/ul	0.01
60) Fluorene-d10	15.645	176	1542019	79.271	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.786	200	349398	90.971	ng/ul	0.00
73) Anthracene-d10	17.533	188	2441825	81.002	ng/ul	0.00
81) Pyrene-d10	19.780	212	2893890	82.784	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.980	264	2855938	84.993	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	88824	30.146	ng/uL	97
5) Pyridine	3.746	79	627195	77.358	ng/ul	93
6) Benzaldehyde	7.104	77	320270	57.110	ng/ul	98
8) Phenol	7.134	94	761086	79.214	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.387	93	607406	76.789	ng/ul	99
12) 2-Chlorophenol	7.498	128	612217	80.768	ng/ul	98
13) 2-Methylphenol	8.398	108	576570	80.615	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.463	45	792279m	75.454	ng/ul	
16) Acetophenone	8.804	105	943072	76.543	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.781	70	496643	80.561	ng/ul	98
18) 4-Methylphenol	8.739	108	620208	79.521	ng/ul	97
19) Hexachloroethane	9.010	117	270297	80.225	ng/ul	99
22) Nitrobenzene	9.198	77	743069	79.811	ng/ul	100
23) Isophorone	9.722	82	1379137	80.971	ng/ul	99
25) 2-Nitrophenol	9.904	139	364713	85.359	ng/ul	98
26) 2,4-Dimethylphenol	9.951	107	695298	81.243	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.204	93	820530	78.260	ng/ul	100
29) 2,4-Dichlorophenol	10.434	162	601770	82.419	ng/ul	98
30) Naphthalene	10.834	128	1957744	77.545	ng/ul	99
32) 4-Chloroaniline	10.981	127	798982	75.749	ng/ul	99
33) Hexachlorobutadiene	11.057	225	417550	77.855	ng/ul	98
34) Caprolactam	11.828	113	177677m	76.943	ng/ul	
35) 4-Chloro-3-methylphenol	12.092	107	635751	82.524	ng/ul	98
36) 2-Methylnaphthalene	12.451	142	1364348	79.470	ng/ul	100

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37) 1-Methylnaphthalene	12.669	142	1387877	78.627	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.798	216	779476	81.338	ng/ul	99
40) Hexachlorocyclopentadiene	12.745	237	483516	99.550	ng/ul	97
41) 2,4,6-Trichlorophenol	13.063	196	517351	85.612	ng/ul	99
42) 2,4,5-Trichlorophenol	13.139	196	547506	86.164	ng/ul	98
43) 1,1'-Biphenyl	13.469	154	1792948	79.760	ng/ul	99
44) 2-Chloronaphthalene	13.516	162	1428402	79.962	ng/ul	99
45) 2-Nitroaniline	13.763	65	431379	88.832	ng/ul	95
47) Dimethylphthalate	14.104	163	1812969	78.499	ng/ul	99
48) 2,6-Dinitrotoluene	14.257	165	378817	90.721	ng/ul	95
50) Acenaphthylene	14.369	152	2353801	80.791	ng/ul	99
51) 3-Nitroaniline	14.598	138	315684	74.795	ng/ul	95
52) Acenaphthene	14.704	153	1536328	79.664	ng/ul	98
53) 2,4-Dinitrophenol	14.804	184	233850	107.891	ng/ul	91
55) 4-Nitrophenol	14.898	109	293896	86.003	ng/ul	99
56) Dibenzofuran	15.045	168	2124704	77.945	ng/ul	98
57) 2,4-Dinitrotoluene	15.045	165	556366	88.869	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.263	232	477656	84.605	ng/ul	98
59) Diethylphthalate	15.469	149	1826956	78.955	ng/ul	100
61) Fluorene	15.698	166	1776469	79.147	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.692	204	906156	78.725	ng/ul	98
63) 4-Nitroaniline	15.780	138	285808	70.006	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.804	198	362080	86.351	ng/ul#	98
67) N-Nitrosodiphenylamine	15.921	169	1471532	80.620	ng/ul	98
68) 4-Bromophenyl-phenylether	16.598	248	564204	81.905	ng/ul	98
69) Hexachlorobenzene	16.680	284	651012	79.837	ng/ul	96
70) Atrazine	16.886	200	564464	79.341	ng/ul	98
71) Pentachlorophenol	17.051	266	411697	86.004	ng/ul	98
72) Phenanthrene	17.474	178	2777312	78.804	ng/ul	100
74) Anthracene	17.568	178	2838396	79.070	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.416	216	792220	82.628	ng/uL	99
76) Pentachlorobenzene	14.933	250	775915	81.246	ng/uL	100
77) Carbazole	17.857	167	2523010	76.901	ng/ul	99
78) Di-n-butylphthalate	18.363	149	3171311	82.285	ng/ul	100
80) Fluoranthene	19.451	202	3353517	82.237	ng/ul	99
82) Pyrene	19.810	202	3480154	80.544	ng/ul	100
83) Butylbenzylphthalate	20.680	149	1465825	87.990	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.486	252	1159650	80.421	ng/ul	99
85) Benzo(a)anthracene	21.545	228	3568158	80.499	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.421	149	2127619	88.776	ng/ul	100
87) Chrysene	21.604	228	3297975	79.374	ng/ul	99
89) Di-n-octyl phthalate	22.415	149	3632387	88.153	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	3506610	83.608	ng/ul	99
91) Benzo(k)fluoranthene	23.403	252	3455881	82.397	ng/ul	100
93) Benzo(a)pyrene	24.039	252	3298765	84.272	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.915	276	4012576	83.740	ng/ul	98
95) Dibenzo(a,h)anthracene	26.939	278	3366069	83.272	ng/ul	99
96) Benzo(g,h,i)perylene	27.768	276	3181951	82.532	ng/ul	99

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

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