Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092823\
Data File : BP017435.D
Acq On : 29 Sep 2023 03:41
Operator : MA/JU
Sample : PB155751BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Sep 29 04:47:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 23:22:11 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS751

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/02/2023

Supervised By :mohammad ahmed
10/02/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	121801	20.000	ng/ul	0.00
20) Naphthalene-d8	10.799	136	496589	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	302698	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.439	188	679944	20.000	ng/ul	-0.01
79) Chrysene-d12	21.569	240	654151	20.000	ng/ul	-0.01
88) Perylene-d12	24.151	264	755435	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	23207	7.826	ng/uL	0.00
4) Pyridine-d5	3.734	84	317234	38.267	ng/ul	0.00
7) Phenol-d5	7.110	99	407720	40.758	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.299	67	233573	38.690	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	331102	41.732	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	315294	40.541	ng/ul	0.00
21) Nitrobenzene-d5	9.163	128	159104	44.318	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.881	143	179725	46.106	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.410	165	329793	44.780	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.963	131	431322	40.430	ng/ul	-0.01
46) Dimethylphthalate-d6	14.063	166	917781	42.325	ng/ul	-0.01
49) Acenaphthylene-d8	14.351	160	1069547	42.885	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.887	143	163255	43.214	ng/ul	-0.01
60) Fluorene-d10	15.651	176	798065	42.750	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.798	200	128686	33.579	ng/ul	-0.02
73) Anthracene-d10	17.539	188	1254709	41.607	ng/ul	-0.01
81) Pyrene-d10	19.792	212	1541873	43.587	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.980	264	1536425	42.242	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	47221	15.549	ng/uL	97
5) Pyridine	3.752	79	305537	35.502	ng/ul	97
6) Benzaldehyde	7.116	77	246593	48.304	ng/ul	99
8) Phenol	7.140	94	425857	42.326	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.393	93	327059	40.214	ng/ul	97
12) 2-Chlorophenol	7.510	128	344156	42.714	ng/ul	99
13) 2-Methylphenol	8.410	108	310511	41.707	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.475	45	409644m	39.825	ng/ul	
16) Acetophenone	8.816	105	509831	42.422	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.787	70	254592	42.447	ng/ul	97
18) 4-Methylphenol	8.746	108	339774	42.593	ng/ul	100
19) Hexachloroethane	9.022	117	140787	42.091	ng/ul	97
22) Nitrobenzene	9.210	77	397854	43.675	ng/ul	97
23) Isophorone	9.722	82	723552	44.325	ng/ul	99
25) 2-Nitrophenol	9.916	139	191215	45.268	ng/ul	98
26) 2,4-Dimethylphenol	9.957	107	257958	30.650	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.216	93	430232	40.829	ng/ul	98
29) 2,4-Dichlorophenol	10.440	162	329959	45.441	ng/ul	99
30) Naphthalene	10.851	128	1084596	41.946	ng/ul	100
32) 4-Chloroaniline	10.993	127	425977	41.667	ng/ul	99
33) Hexachlorobutadiene	11.075	225	220626	43.658	ng/ul	97
34) Caprolactam	11.822	113	104892	49.994	ng/ul	91
35) 4-Chloro-3-methylphenol	12.098	107	345847	47.386	ng/ul	98
36) 2-Methylnaphthalene	12.463	142	725150	42.969	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.681	142	715207	41.458	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.816	216	407881	41.988	ng/ul	99
40) Hexachlorocyclopentadiene	12.757	237	108290	19.698	ng/ul	96
41) 2,4,6-Trichlorophenol	13.075	196	270894	45.973	ng/ul	99
42) 2,4,5-Trichlorophenol	13.145	196	295049	47.793	ng/ul	98
43) 1,1'-Biphenyl	13.475	154	952654	41.481	ng/ul	99
44) 2-Chloronaphthalene	13.528	162	771894	42.394	ng/ul	99
45) 2-Nitroaniline	13.769	65	226128	50.557	ng/ul	96
47) Dimethylphthalate	14.110	163	956767	43.801	ng/ul	98
48) 2,6-Dinitrotoluene	14.263	165	199700	52.636	ng/ul	94
50) Acenaphthylene	14.381	152	1274160	43.691	ng/ul	100
51) 3-Nitroaniline	14.604	138	217964	53.385	ng/ul	93
52) Acenaphthene	14.716	153	823314	42.747	ng/ul	98
53) 2,4-Dinitrophenol	14.816	184	71847	30.273	ng/ul	94
55) 4-Nitrophenol	14.904	109	135601	45.945	ng/ul	96
56) Dibenzofuran	15.057	168	1150491	43.620	ng/ul	99
57) 2,4-Dinitrotoluene	15.057	165	296926	53.131	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.275	232	254326	48.552	ng/ul	96
59) Diethylphthalate	15.475	149	966175	45.754	ng/ul	99
61) Fluorene	15.710	166	954311	44.532	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.704	204	472101	43.469	ng/ul	99
63) 4-Nitroaniline	15.781	138	220845	60.605	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.816	198	142126	34.378	ng/ul#	97
67) N-Nitrosodiphenylamine	15.934	169	798907	42.716	ng/ul	98
68) 4-Bromophenyl-phenylether	16.610	248	298929	43.761	ng/ul	99
69) Hexachlorobenzene	16.692	284	354656	44.743	ng/ul	99
70) Atrazine	16.892	200	253079	37.770	ng/ul	99
71) Pentachlorophenol	17.063	266	218515	44.628	ng/ul	98
72) Phenanthrene	17.480	178	1532775	43.040	ng/ul	99
74) Anthracene	17.575	178	1535537	42.544	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.434	216	404022	38.716	ng/uL	97
76) Pentachlorobenzene	14.951	250	379200	38.467	ng/uL	99
77) Carbazole	17.863	167	1430451	44.557	ng/ul	99
78) Di-n-butylphthalate	18.375	149	1704997	48.297	ng/ul	98
80) Fluoranthene	19.457	202	1903090	46.129	ng/ul	100
82) Pyrene	19.822	202	1967100	44.853	ng/ul	100
83) Butylbenzylphthalate	20.680	149	820514	52.765	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.492	252	587753	41.355	ng/ul	99
85) Benzo(a)anthracene	21.551	228	1943989	44.032	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.421	149	1171755	52.177	ng/ul	99
87) Chrysene	21.610	228	1792585	43.143	ng/ul	99
89) Di-n-octyl phthalate	22.410	149	2059592	49.564	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	1981958	44.499	ng/ul	100
91) Benzo(k)fluoranthene	23.398	252	1909774	42.501	ng/ul	99
93) Benzo(a)pyrene	24.033	252	1861026	43.671	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.892	276	2302628	43.109	ng/ul	99
95) Dibenzo(a,h)anthracene	26.915	278	1921756	43.196	ng/ul	98
96) Benzo(g,h,i)perylene	27.751	276	1875976	43.552	ng/ul	99

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

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