Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103123\
Data File : BP017834.D
Acq On : 31 Oct 2023 16:42
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 01 02:39:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 01:32:15 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020798

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	136533	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	530690	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.575	164	315130	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.369	188	644264	20.000	ng/ul	0.00
79) Chrysene-d12	21.516	240	550972	20.000	ng/ul	0.00
88) Perylene-d12	24.074	264	556969	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	33163	9.036	ng/uL	0.02
4) Pyridine-d5	3.705	84	195866	20.384	ng/ul	0.01
7) Phenol-d5	7.040	99	242505	21.344	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	157480	22.444	ng/ul	0.00
11) 2-Chlorophenol-d4	7.399	132	201131	21.705	ng/ul	-0.01
15) 4-Methylphenol-d8	8.604	113	189674	21.259	ng/ul	0.00
21) Nitrobenzene-d5	9.087	128	92803	21.581	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.804	143	101717	21.408	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	191052	20.498	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.887	131	244482	20.044	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	518957	19.617	ng/ul	0.00
49) Acenaphthylene-d8	14.275	160	599892	20.334	ng/ul	0.00
54) 4-Nitrophenol-d4	14.822	143	66271	17.581	ng/ul	0.00
60) Fluorene-d10	15.581	176	438438	19.173	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.728	200	72285	17.033	ng/ul	0.00
73) Anthracene-d10	17.475	188	648855	19.708	ng/ul	0.00
81) Pyrene-d10	19.733	212	733699	21.240	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.904	264	625678	20.169	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	34947	8.977	ng/uL	99
5) Pyridine	3.722	79	205340	20.857	ng/ul	94
6) Benzaldehyde	7.046	77	155279	25.406	ng/ul	97
8) Phenol	7.069	94	243501	21.736	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.322	93	201495	21.559	ng/ul	98
12) 2-Chlorophenol	7.434	128	202175	21.723	ng/ul	97
13) 2-Methylphenol	8.334	108	180014	21.292	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.393	45	251162m	21.833	ng/ul	
16) Acetophenone	8.740	105	300374	21.414	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.704	70	138412	20.803	ng/ul	97
18) 4-Methylphenol	8.669	108	191414	21.320	ng/ul	99
19) Hexachloroethane	8.940	117	95828	22.408	ng/ul	84
22) Nitrobenzene	9.134	77	248663	23.224	ng/ul	99
23) Isophorone	9.640	82	416263	21.740	ng/ul	97
25) 2-Nitrophenol	9.834	139	106770	21.052	ng/ul	90
26) 2,4-Dimethylphenol	9.875	107	212593	21.358	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.134	93	256215	21.636	ng/ul	99
29) 2,4-Dichlorophenol	10.357	162	181882	20.408	ng/ul	96
30) Naphthalene	10.763	128	623803	20.426	ng/ul	99
32) 4-Chloroaniline	10.910	127	235041	20.123	ng/ul	98
33) Hexachlorobutadiene	10.981	225	133152	18.400	ng/ul	97
34) Caprolactam	11.740	113	43325m	18.879	ng/ul	
35) 4-Chloro-3-methylphenol	12.022	107	183909	21.918	ng/ul	94
36) 2-Methylnaphthalene	12.381	142	411498	19.947	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.604	142	414071	19.627	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.734	216	221121	18.963	ng/ul#	96
40) Hexachlorocyclopentadiene	12.675	237	109570	16.355	ng/ul	97
41) 2,4,6-Trichlorophenol	12.998	196	139717	19.965	ng/ul	92
42) 2,4,5-Trichlorophenol	13.069	196	144410	19.959	ng/ul	99
43) 1,1'-Biphenyl	13.404	154	530994	20.453	ng/ul	99
44) 2-Chloronaphthalene	13.451	162	422878	20.149	ng/ul	97
45) 2-Nitroaniline	13.698	65	116896	24.511	ng/ul	94
47) Dimethylphthalate	14.045	163	515243	19.762	ng/ul	99
48) 2,6-Dinitrotoluene	14.198	165	100743	20.993	ng/ul	98
50) Acenaphthylene	14.304	152	671585	20.322	ng/ul	99
51) 3-Nitroaniline	14.539	138	90559	19.841	ng/ul	95
52) Acenaphthene	14.645	153	443465	19.851	ng/ul	100
53) 2,4-Dinitrophenol	14.751	184	35774	13.280	ng/ul#	79
55) 4-Nitrophenol	14.839	109	82596	20.700	ng/ul	95
56) Dibenzofuran	14.981	168	607997	19.384	ng/ul	93
57) 2,4-Dinitrotoluene	14.986	165	143768	20.299	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.204	232	117884	18.360	ng/ul#	86
59) Diethylphthalate	15.404	149	515256	20.469	ng/ul	97
61) Fluorene	15.639	166	494422	19.190	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.633	204	250829	18.317	ng/ul	92
63) 4-Nitroaniline	15.722	138	89087	21.641	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.745	198	77024	16.946	ng/ul#	87
67) N-Nitrosodiphenylamine	15.863	169	409619	20.986	ng/ul	99
68) 4-Bromophenyl-phenylether	16.545	248	141996	18.837	ng/ul#	87
69) Hexachlorobenzene	16.622	284	154049	17.801	ng/ul#	87
70) Atrazine	16.828	200	138275	19.275	ng/ul	99
71) Pentachlorophenol	16.998	266	85842	16.499	ng/ul	98
72) Phenanthrene	17.416	178	756807	20.053	ng/ul	100
74) Anthracene	17.510	178	772095	20.199	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.351	216	221028	20.446	ng/uL	99
76) Pentachlorobenzene	14.875	250	200130	19.102	ng/uL	98
77) Carbazole	17.804	167	660989	20.460	ng/ul	99
78) Di-n-butylphthalate	18.316	149	836405	22.300	ng/ul	99
80) Fluoranthene	19.398	202	859911	21.667	ng/ul	96
82) Pyrene	19.763	202	903167	21.480	ng/ul	98
83) Butylbenzylphthalate	20.633	149	358706	24.803	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.445	252	226322	18.181	ng/ul#	99
85) Benzo(a)anthracene	21.498	228	846871	20.219	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.380	149	506570	25.092	ng/ul	99
87) Chrysene	21.557	228	791112	19.973	ng/ul	99
89) Di-n-octyl phthalate	22.363	149	852288	24.158	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	773342	20.402	ng/ul	99
91) Benzo(k)fluoranthene	23.333	252	780408	20.314	ng/ul	99
93) Benzo(a)pyrene	23.962	252	726819	20.424	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.792	276	822008	19.381	ng/ul	97
95) Dibenzo(a,h)anthracene	26.815	278	679232	19.194	ng/ul	98
96) Benzo(g,h,i)perylene	27.639	276	658693	19.276	ng/ul	96

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

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