Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP018013.D
Acq On : 10 Nov 2023 05:44
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020664

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/15/2023

Quant Time: Nov 10 06:23:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 22:34:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	74311	20.000	ng/ul	0.00
20) Naphthalene-d8	10.681	136	319811	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.539	164	210868	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.316	188	491604	20.000	ng/ul	0.00
79) Chrysene-d12	21.445	240	475518	20.000	ng/ul	0.00
88) Perylene-d12	23.951	264	513069	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	15839	7.296	ng/uL	0.00
4) Pyridine-d5	3.675	84	103292	18.308	ng/ul	0.00
7) Phenol-d5	7.028	99	127754	18.294	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	80640	19.063	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	102799	18.398	ng/ul	0.00
15) 4-Methylphenol-d8	8.587	113	106958	19.096	ng/ul	0.00
21) Nitrobenzene-d5	9.069	128	51826	18.096	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	57944	18.179	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	104523	18.305	ng/ul	0.00
31) 4-Chloroaniline-d4	10.863	131	145421	18.584	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	358475	18.493	ng/ul	0.00
49) Acenaphthylene-d8	14.234	160	382590	18.410	ng/ul	0.00
54) 4-Nitrophenol-d4	14.792	143	50540	17.802	ng/ul	0.00
60) Fluorene-d10	15.539	176	289749	18.034	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	59657	17.379	ng/ul	0.00
73) Anthracene-d10	17.416	188	476362	18.084	ng/ul	0.00
81) Pyrene-d10	19.669	212	578005	18.887	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.786	264	543900	18.238	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	17505	7.157	ng/uL	92
5) Pyridine	3.699	79	109922	18.979	ng/ul	95
6) Benzaldehyde	7.034	77	84590	22.006	ng/ul	96
8) Phenol	7.057	94	128790	18.728	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.305	93	103054	18.987	ng/ul	97
12) 2-Chlorophenol	7.416	128	103201	18.157	ng/ul	99
13) 2-Methylphenol	8.316	108	94710	18.376	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.375	45	123106m	19.571	ng/ul	
16) Acetophenone	8.722	105	171583	19.158	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.687	70	93380	19.036	ng/ul	97
18) 4-Methylphenol	8.651	108	106331	19.025	ng/ul	99
19) Hexachloroethane	8.916	117	48659	17.909	ng/ul	98
22) Nitrobenzene	9.116	77	144182	18.503	ng/ul	98
23) Isophorone	9.622	82	252858	18.328	ng/ul	98
25) 2-Nitrophenol	9.816	139	62174	18.969	ng/ul	96
26) 2,4-Dimethylphenol	9.857	107	124421	17.759	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.110	93	144278	18.523	ng/ul	99
29) 2,4-Dichlorophenol	10.340	162	103697	18.939	ng/ul	95
30) Naphthalene	10.734	128	350439	18.072	ng/ul	99
32) 4-Chloroaniline	10.887	127	137647	18.387	ng/ul	96
33) Hexachlorobutadiene	10.951	225	72956	17.935	ng/ul	98
34) Caprolactam	11.728	113	33262	19.435	ng/ul	90
35) 4-Chloro-3-methylphenol	11.998	107	124197	19.050	ng/ul	96
36) 2-Methylnaphthalene	12.351	142	240900	18.175	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	245554	18.186	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.704	216	128551	17.979	ng/ul	98
40) Hexachlorocyclopentadiene	12.640	237	53678	15.702	ng/ul#	94
41) 2,4,6-Trichlorophenol	12.963	196	86560	18.532	ng/ul	98
42) 2,4,5-Trichlorophenol	13.045	196	87991	17.602	ng/ul	95
43) 1,1'-Biphenyl	13.363	154	324652	18.107	ng/ul	99
44) 2-Chloronaphthalene	13.416	162	258638	18.235	ng/ul	99
45) 2-Nitroaniline	13.669	65	85146	18.976	ng/ul	94
47) Dimethylphthalate	14.004	163	359191	18.368	ng/ul	98
48) 2,6-Dinitrotoluene	14.163	165	68733	18.718	ng/ul	90
50) Acenaphthylene	14.263	152	438076	18.407	ng/ul	99
51) 3-Nitroaniline	14.504	138	66140	19.233	ng/ul	97
52) Acenaphthene	14.604	153	289608	18.313	ng/ul	99
53) 2,4-Dinitrophenol	14.722	184	30286	15.331	ng/ul	93
55) 4-Nitrophenol	14.804	109	70563	18.346	ng/ul	98
56) Dibenzofuran	14.939	168	398633	18.261	ng/ul	99
57) 2,4-Dinitrotoluene	14.951	165	106245	18.917	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.163	232	82325	18.918	ng/ul	99
59) Diethylphthalate	15.363	149	374771	11.908	ng/ul	99
61) Fluorene	15.592	166	338902	18.408	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.586	204	166665	18.441	ng/ul	94
63) 4-Nitroaniline	15.681	138	68860	21.146	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.704	198	62816	17.468	ng/ul#	93
67) N-Nitrosodiphenylamine	15.816	169	285089	18.107	ng/ul	98
68) 4-Bromophenyl-phenylether	16.492	248	98706	18.390	ng/ul	99
69) Hexachlorobenzene	16.575	284	110235	18.117	ng/ul	99
70) Atrazine	16.775	200	103146	18.931	ng/ul	94
71) Pentachlorophenol	16.951	266	64402	17.175	ng/ul	98
72) Phenanthrene	17.363	178	550685	17.996	ng/ul	99
74) Anthracene	17.451	178	558117	18.041	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.322	216	132423	17.954	ng/uL	96
76) Pentachlorobenzene	14.834	250	130939	18.066	ng/uL	99
77) Carbazole	17.751	167	497027	18.605	ng/ul	99
78) Di-n-butylphthalate	18.251	149	624128	17.371	ng/ul	99
80) Fluoranthene	19.339	202	665496	18.788	ng/ul	100
82) Pyrene	19.698	202	700367	18.708	ng/ul	99
83) Butylbenzylphthalate	20.563	149	300650	18.545	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.368	252	212238	18.836	ng/ul	98
85) Benzo(a)anthracene	21.427	228	701070	18.339	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.304	149	418682	18.418	ng/ul	100
87) Chrysene	21.480	228	650420	18.063	ng/ul	99
89) Di-n-octyl phthalate	22.263	149	718235	18.443	ng/ul	100
90) Benzo(b)fluoranthene	23.168	252	674925	18.303	ng/ul	98
91) Benzo(k)fluoranthene	23.221	252	658337	17.888	ng/ul	99
93) Benzo(a)pyrene	23.839	252	629534	18.112	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.615	276	740787	17.982	ng/ul	99
95) Dibenzo(a,h)anthracene	26.639	278	604903	17.760	ng/ul	99
96) Benzo(g,h,i)perylene	27.451	276	590576	17.964	ng/ul	98

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

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