Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018030.D
Acq On : 10 Nov 2023 17:45
Operator : MA/JU
Sample : SSTD02054
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020619

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

Quant Time: Nov 10 21:31:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 10 21:21:36 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	64556	20.000	ng/ul	0.00
20) Naphthalene-d8	10.675	136	278257	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.527	164	186760	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.310	188	425916	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	403331	20.000	ng/ul	0.00
88) Perylene-d12	23.939	264	434157	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	13265	7.249	ng/uL	0.00
4) Pyridine-d5	3.663	84	87746	18.389	ng/ul	0.00
7) Phenol-d5	7.016	99	109860	17.627	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.198	67	68946	18.824	ng/ul	0.00
11) 2-Chlorophenol-d4	7.375	132	89234	18.080	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	92565	18.125	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	45469	18.137	ng/ul	0.00
24) 2-Nitrophenol-d4	9.769	143	52694	18.689	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.298	165	92977	18.368	ng/ul	0.00
31) 4-Chloroaniline-d4	10.851	131	127299	18.338	ng/ul	0.00
46) Dimethylphthalate-d6	13.951	166	316448	18.364	ng/ul	0.00
49) Acenaphthylene-d8	14.227	160	341245	18.182	ng/ul	0.00
54) 4-Nitrophenol-d4	14.780	143	42564	16.530	ng/ul	0.00
60) Fluorene-d10	15.527	176	260909	18.339	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.686	200	54849	17.814	ng/ul	0.00
73) Anthracene-d10	17.410	188	411962	17.884	ng/ul	0.00
81) Pyrene-d10	19.663	212	484103	17.969	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.774	264	453419	17.961	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	14207	7.114	ng/uL	100
5) Pyridine	3.687	79	90842	18.447	ng/ul	100
6) Benzaldehyde	7.022	77	75606	22.902	ng/ul	100
8) Phenol	7.046	94	109552	17.819	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.298	93	89214	18.704	ng/ul	100
12) 2-Chlorophenol	7.404	128	89601	18.082	ng/ul	100
13) 2-Methylphenol	8.304	108	83357	17.944	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.363	45	104207m	19.132	ng/ul	
16) Acetophenone	8.710	105	148322	18.271	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.669	70	80602	18.186	ng/ul	100
18) 4-Methylphenol	8.640	108	92129	18.185	ng/ul	100
19) Hexachloroethane	8.904	117	43804	18.476	ng/ul	100
22) Nitrobenzene	9.098	77	124787	18.435	ng/ul	100
23) Isophorone	9.610	82	226780	18.360	ng/ul	100
25) 2-Nitrophenol	9.804	139	54094	18.535	ng/ul	100
26) 2,4-Dimethylphenol	9.845	107	110129	17.739	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.098	93	123840	18.386	ng/ul	100
29) 2,4-Dichlorophenol	10.322	162	89331	18.481	ng/ul	100
30) Naphthalene	10.722	128	304104	17.971	ng/ul	100
32) 4-Chloroaniline	10.875	127	124299	18.694	ng/ul	100
33) Hexachlorobutadiene	10.939	225	65326	18.409	ng/ul	100
34) Caprolactam	11.722	113	30080m	18.496	ng/ul	
35) 4-Chloro-3-methylphenol	11.986	107	106572	18.534	ng/ul	100
36) 2-Methylnaphthalene	12.339	142	212272	18.272	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.557	142	217575	18.225	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.692	216	113709	18.023	ng/ul	100
40) Hexachlorocyclopentadiene	12.628	237	48316	15.865	ng/ul	100
41) 2,4,6-Trichlorophenol	12.957	196	74363	17.967	ng/ul	100
42) 2,4,5-Trichlorophenol	13.033	196	78457	18.290	ng/ul	100
43) 1,1'-Biphenyl	13.357	154	287544	18.106	ng/ul	100
44) 2-Chloronaphthalene	13.404	162	225878	17.915	ng/ul	100
45) 2-Nitroaniline	13.657	65	74641	18.345	ng/ul	100
47) Dimethylphthalate	13.998	163	312112	18.464	ng/ul	100
48) 2,6-Dinitrotoluene	14.151	165	61944	18.437	ng/ul	100
50) Acenaphthylene	14.257	152	385233	18.180	ng/ul	100
51) 3-Nitroaniline	14.498	138	58630	18.806	ng/ul	100
52) Acenaphthene	14.592	153	254967	18.146	ng/ul	100
53) 2,4-Dinitrophenol	14.710	184	28675	15.762	ng/ul	100
55) 4-Nitrophenol	14.798	109	60195	17.611	ng/ul	100
56) Dibenzofuran	14.933	168	351135	18.235	ng/ul	100
57) 2,4-Dinitrotoluene	14.945	165	93860	18.698	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.157	232	70884	18.294	ng/ul	100
59) Diethylphthalate	15.351	149	323459	18.316	ng/ul	100
61) Fluorene	15.586	166	296467	18.135	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.580	204	146243	18.255	ng/ul	100
63) 4-Nitroaniline	15.674	138	56605	19.399	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.698	198	57197	17.902	ng/ul	100
67) N-Nitrosodiphenylamine	15.810	169	248870	18.220	ng/ul	100
68) 4-Bromophenyl-phenylether	16.486	248	87625	18.254	ng/ul	100
69) Hexachlorobenzene	16.563	284	95249	17.782	ng/ul	100
70) Atrazine	16.769	200	91682	19.242	ng/ul	100
71) Pentachlorophenol	16.939	266	55271	17.092	ng/ul	100
72) Phenanthrene	17.351	178	475990	18.201	ng/ul	100
74) Anthracene	17.445	178	482741	18.089	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.310	216	114802	17.651	ng/uL	100
76) Pentachlorobenzene	14.822	250	112114	17.608	ng/uL	100
77) Carbazole	17.739	167	434626	18.754	ng/ul	100
78) Di-n-butylphthalate	18.245	149	549297	18.681	ng/ul	100
80) Fluoranthene	19.333	202	564927	17.955	ng/ul	100
82) Pyrene	19.692	202	594663	18.037	ng/ul	100
83) Butylbenzylphthalate	20.557	149	256931	18.531	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.362	252	188928	19.606	ng/ul	100
85) Benzo(a)anthracene	21.415	228	589279	18.094	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.298	149	357689	18.711	ng/ul	100
87) Chrysene	21.474	228	545079	17.890	ng/ul	100
89) Di-n-octyl phthalate	22.256	149	603889	18.599	ng/ul	100
90) Benzo(b)fluoranthene	23.162	252	560867	18.152	ng/ul	100
91) Benzo(k)fluoranthene	23.209	252	557187	17.924	ng/ul	100
93) Benzo(a)pyrene	23.827	252	526297	18.037	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.597	276	628671	17.964	ng/ul	100
95) Dibenzo(a,h)anthracene	26.621	278	516804	17.935	ng/ul	100
96) Benzo(g,h,i)perylene	27.433	276	500615	17.885	ng/ul	100

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

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