Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122922\
Data File : BP013364.D
Acq On : 29 Dec 2022 16:04
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020730

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Sohil Jodhani 12/29/2022

Quant Time: Dec 29 16:29:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 28 00:16:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	459456	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	2022854	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.575	164	1420144	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.328	188	3308089	20.000	ng/ul	0.00
79) Chrysene-d12	21.416	240	3135807	20.000	ng/ul	0.00
88) Perylene-d12	23.886	264	2776432	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	83150	7.738	ng/uL	0.00
4) Pyridine-d5	3.746	84	604625	19.807	ng/ul	0.00
7) Phenol-d5	7.087	99	750550	20.055	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.257	67	479864	21.256	ng/ul	0.00
11) 2-Chlorophenol-d4	7.457	132	596833	20.259	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	619638	20.207	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	303573	20.426	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	346054	20.682	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	674425	20.751	ng/ul	0.00
31) 4-Chloroaniline-d4	10.881	131	946372	20.626	ng/ul	0.00
46) Dimethylphthalate-d6	13.981	166	2156872	19.762	ng/ul	0.00
49) Acenaphthylene-d8	14.269	160	2389045	19.920	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	384032	19.561	ng/ul	0.00
60) Fluorene-d10	15.569	176	1870475	20.257	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	393543	18.486	ng/ul	0.00
73) Anthracene-d10	17.428	188	2949846	19.765	ng/ul	0.00
81) Pyrene-d10	19.663	212	3605898	20.033	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.721	264	2751088	19.879	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	89268	7.958	ng/uL	97
5) Pyridine	3.769	79	611335	20.151	ng/ul	96
6) Benzaldehyde	7.063	77	300320	20.494	ng/ul	95
8) Phenol	7.116	94	770765	20.370	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.352	93	630531	20.303	ng/ul	95
12) 2-Chlorophenol	7.493	128	605331	20.037	ng/ul	97
13) 2-Methylphenol	8.375	108	585194	19.837	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.463	45	987011	23.160	ng/ul	97
16) Acetophenone	8.757	105	1011058	21.504	ng/ul#	92
17) N-Nitroso-di-n-propyla...	8.740	70	524898	22.201	ng/ul	92
18) 4-Methylphenol	8.704	108	663835	20.316	ng/ul	97
19) Hexachloroethane	9.010	117	244174	20.225	ng/ul	99
22) Nitrobenzene	9.140	77	758587	21.751	ng/ul	96
23) Isophorone	9.669	82	1473117	20.889	ng/ul	97
25) 2-Nitrophenol	9.851	139	367232	20.256	ng/ul	93
26) 2,4-Dimethylphenol	9.910	107	734569	20.766	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.146	93	914485	20.281	ng/ul	99
29) 2,4-Dichlorophenol	10.387	162	655894	20.602	ng/ul	99
30) Naphthalene	10.793	128	2107506	19.921	ng/ul	100
32) 4-Chloroaniline	10.904	127	940991	20.725	ng/ul	100
33) Hexachlorobutadiene	11.069	225	455698	20.847	ng/ul	99
34) Caprolactam	11.687	113	211336m	19.469	ng/ul	
35) 4-Chloro-3-methylphenol	12.028	107	709457	21.836	ng/ul	99
36) 2-Methylnaphthalene	12.398	142	1478138	20.366	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.616	142	1517769	20.335	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.763	216	933571	20.415	ng/ul	99
40) Hexachlorocyclopentadiene	12.740	237	509967	17.137	ng/ul	100
41) 2,4,6-Trichlorophenol	13.004	196	598600	20.369	ng/ul	99
42) 2,4,5-Trichlorophenol	13.081	196	652428	20.668	ng/ul	99
43) 1,1'-Biphenyl	13.404	154	2078547	19.488	ng/ul	99
44) 2-Chloronaphthalene	13.451	162	1665416	19.839	ng/ul	99
45) 2-Nitroaniline	13.657	65	462714	22.735	ng/ul	93
47) Dimethylphthalate	14.028	163	2136762	19.752	ng/ul	100
48) 2,6-Dinitrotoluene	14.151	165	417337	20.759	ng/ul	97
50) Acenaphthylene	14.298	152	2563290	19.880	ng/ul	100
51) 3-Nitroaniline	14.481	138	344291	18.137	ng/ul	91
52) Acenaphthene	14.639	153	1764430	19.747	ng/ul	99
53) 2,4-Dinitrophenol	14.692	184	228867	16.655	ng/ul	95
55) 4-Nitrophenol	14.792	109	291553	21.764	ng/ul	95
56) Dibenzofuran	14.969	168	2545605	20.038	ng/ul	99
57) 2,4-Dinitrotoluene	14.939	165	611351	20.935	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.198	232	590949	20.513	ng/ul	97
59) Diethylphthalate	15.392	149	2062850	19.616	ng/ul	99
61) Fluorene	15.622	166	2102206	20.634	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.616	204	1126235	20.903	ng/ul	100
63) 4-Nitroaniline	15.645	138	329326	19.715	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.704	198	389422	18.719	ng/ul	97
67) N-Nitrosodiphenylamine	15.828	169	1787249	19.487	ng/ul	99
68) 4-Bromophenyl-phenylether	16.516	248	714840	19.898	ng/ul	99
69) Hexachlorobenzene	16.628	284	850944	19.948	ng/ul	99
70) Atrazine	16.786	200	703076	19.672	ng/ul	100
71) Pentachlorophenol	16.975	266	479544	18.563	ng/ul	99
72) Phenanthrene	17.375	178	3410683	19.794	ng/ul	99
74) Anthracene	17.463	178	3456460	20.090	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.375	216	924153	19.581	ng/uL	100
76) Pentachlorobenzene	14.892	250	951339	19.770	ng/uL	100
77) Carbazole	17.733	167	3053993	21.078	ng/ul	99
78) Di-n-butylphthalate	18.275	149	3416654	19.367	ng/ul	99
80) Fluoranthene	19.333	202	4206430	20.590	ng/ul	99
82) Pyrene	19.692	202	4356724	20.674	ng/ul	98
83) Butylbenzylphthalate	20.551	149	1543425	18.958	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.327	252	1314729	18.559	ng/ul	100
85) Benzo(a)anthracene	21.398	228	4196946	20.161	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.310	149	2185595	19.031	ng/ul	99
87) Chrysene	21.457	228	3960602	20.119	ng/ul	100
89) Di-n-octyl phthalate	22.257	149	3456591	22.223	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	3704827	20.926	ng/ul	99
91) Benzo(k)fluoranthene	23.174	252	3638699	20.726	ng/ul	100
93) Benzo(a)pyrene	23.774	252	3072468	19.931	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.462	276	3360358	17.500	ng/ul	98
95) Dibenzo(a,h)anthracene	26.468	278	2811403	17.683	ng/ul	99
96) Benzo(g,h,i)perylene	27.251	276	2661561	17.265	ng/ul	97

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

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