Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122822\
Data File : BP013357.D
Acq On : 28 Dec 2022 18:02
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020728

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

Quant Time: Dec 29 00:20:57 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	547128	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	2462053	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.575	164	1735336	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.333	188	4042105	20.000	ng/ul	0.00
79) Chrysene-d12	21.422	240	3823550	20.000	ng/ul	0.00
88) Perylene-d12	23.886	264	3369356	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	99171	7.750	ng/uL	0.00
4) Pyridine-d5	3.746	84	705966	19.421	ng/ul	0.00
7) Phenol-d5	7.093	99	893132	20.041	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.258	67	570502	21.221	ng/ul	0.00
11) 2-Chlorophenol-d4	7.458	132	710021	20.239	ng/ul	0.00
15) 4-Methylphenol-d8	8.646	113	753287	20.629	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	368079	20.348	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	428641	21.048	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	823284	20.813	ng/ul	0.00
31) 4-Chloroaniline-d4	10.881	131	1144698	20.498	ng/ul	0.00
46) Dimethylphthalate-d6	13.981	166	2613172	19.594	ng/ul	0.00
49) Acenaphthylene-d8	14.269	160	2899879	19.788	ng/ul	0.00
54) 4-Nitrophenol-d4	14.781	143	470264	19.602	ng/ul	0.00
60) Fluorene-d10	15.569	176	2237939	19.835	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	494589	19.014	ng/ul	0.00
73) Anthracene-d10	17.433	188	3645283	19.990	ng/ul	0.00
81) Pyrene-d10	19.663	212	4403092	20.062	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.727	264	3293903	19.613	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	100667	7.536	ng/uL	91
5) Pyridine	3.769	79	720483	19.943	ng/ul	95
6) Benzaldehyde	7.069	77	358827	20.563	ng/ul	98
8) Phenol	7.116	94	920089	20.420	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.352	93	746293	20.179	ng/ul	94
12) 2-Chlorophenol	7.493	128	718821	19.981	ng/ul	95
13) 2-Methylphenol	8.375	108	706284	20.106	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.457	45	1170917	23.073	ng/ul	97
16) Acetophenone	8.757	105	1216978	21.736	ng/ul#	93
17) N-Nitroso-di-n-propyla...	8.746	70	641081	22.770	ng/ul	92
18) 4-Methylphenol	8.705	108	807478	20.753	ng/ul	98
19) Hexachloroethane	9.010	117	286124	19.902	ng/ul	99
22) Nitrobenzene	9.140	77	897792	21.150	ng/ul	96
23) Isophorone	9.669	82	1796207	20.927	ng/ul	98
25) 2-Nitrophenol	9.852	139	448678	20.333	ng/ul	92
26) 2,4-Dimethylphenol	9.910	107	898787	20.876	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.152	93	1099996	20.043	ng/ul	99
29) 2,4-Dichlorophenol	10.387	162	807030	20.827	ng/ul	99
30) Naphthalene	10.793	128	2521767	19.585	ng/ul	99
32) 4-Chloroaniline	10.904	127	1156204	20.923	ng/ul	98
33) Hexachlorobutadiene	11.075	225	550996	20.710	ng/ul	97
34) Caprolactam	11.693	113	261444m	19.788	ng/ul	
35) 4-Chloro-3-methylphenol	12.028	107	849138	21.473	ng/ul	100
36) 2-Methylnaphthalene	12.398	142	1777348	20.121	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.616	142	1831950	20.166	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.763	216	1126448	20.159	ng/ul	99
40) Hexachlorocyclopentadiene	12.740	237	648411	17.832	ng/ul	98
41) 2,4,6-Trichlorophenol	13.004	196	731160	20.360	ng/ul	99
42) 2,4,5-Trichlorophenol	13.081	196	802062	20.793	ng/ul	98
43) 1,1'-Biphenyl	13.404	154	2517229	19.314	ng/ul	99
44) 2-Chloronaphthalene	13.451	162	1987564	19.377	ng/ul	100
45) 2-Nitroaniline	13.657	65	572513	23.021	ng/ul	93
47) Dimethylphthalate	14.028	163	2594231	19.626	ng/ul	100
48) 2,6-Dinitrotoluene	14.151	165	518968	21.126	ng/ul	97
50) Acenaphthylene	14.298	152	3106840	19.719	ng/ul	99
51) 3-Nitroaniline	14.481	138	438099	18.887	ng/ul	92
52) Acenaphthene	14.640	153	2105892	19.288	ng/ul	99
53) 2,4-Dinitrophenol	14.692	184	294307	17.527	ng/ul	96
55) 4-Nitrophenol	14.792	109	359096	21.937	ng/ul	92
56) Dibenzofuran	14.975	168	3084054	19.868	ng/ul	100
57) 2,4-Dinitrotoluene	14.939	165	758587	21.259	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.198	232	738038	20.966	ng/ul	98
59) Diethylphthalate	15.392	149	2534737	19.726	ng/ul	99
61) Fluorene	15.622	166	2544908	20.442	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.616	204	1365873	20.747	ng/ul	99
63) 4-Nitroaniline	15.645	138	416122	20.387	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.704	198	487306	19.171	ng/ul	96
67) N-Nitrosodiphenylamine	15.834	169	2173825	19.398	ng/ul	99
68) 4-Bromophenyl-phenylether	16.516	248	883212	20.120	ng/ul	98
69) Hexachlorobenzene	16.634	284	1046518	20.078	ng/ul	99
70) Atrazine	16.786	200	873469	20.002	ng/ul	98
71) Pentachlorophenol	16.981	266	594002	18.818	ng/ul	100
72) Phenanthrene	17.375	178	4144629	19.686	ng/ul	100
74) Anthracene	17.469	178	4215555	20.053	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.375	216	1121892	19.454	ng/uL	99
76) Pentachlorobenzene	14.892	250	1161652	19.757	ng/uL	98
77) Carbazole	17.739	167	3681567	20.795	ng/ul	100
78) Di-n-butylphthalate	18.275	149	4362484	20.238	ng/ul	99
80) Fluoranthene	19.339	202	5051474	20.279	ng/ul	98
82) Pyrene	19.692	202	5275796	20.532	ng/ul	98
83) Butylbenzylphthalate	20.557	149	1986737	20.014	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.333	252	1564464	18.112	ng/ul	99
85) Benzo(a)anthracene	21.404	228	5006063	19.722	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.310	149	2836605	20.257	ng/ul	99
87) Chrysene	21.457	228	4728766	19.700	ng/ul	99
89) Di-n-octyl phthalate	22.257	149	4382171	23.215	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	4486103	20.880	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	4190084	19.667	ng/ul	100
93) Benzo(a)pyrene	23.774	252	3676561	19.652	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.462	276	4357164	18.698	ng/ul	98
95) Dibenzo(a,h)anthracene	26.474	278	3627748	18.803	ng/ul	99
96) Benzo(g,h,i)perylene	27.251	276	3460284	18.496	ng/ul	98

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

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