Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102722\
Data File : BP012366.D
Acq On : 28 Oct 2022 05:11
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020651

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/31/2022
Supervised By :mohammad ahmed 10/31/2022

Quant Time: Oct 28 23:16:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 28 06:05:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	306121	20.000	ng/ul	0.00
20) Naphthalene-d8	10.605	136	1450988	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.457	164	965418	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	2154952	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	2344849	20.000	ng/ul	0.00
88) Perylene-d12	23.704	264	2318589	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	58979	7.758	ng/uL	0.00
4) Pyridine-d5	3.670	84	440272	20.159	ng/ul	0.00
7) Phenol-d5	6.975	99	569480	20.741	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	336218	20.513	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	439502	21.920	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	468485	21.574	ng/ul	0.00
21) Nitrobenzene-d5	8.975	128	234576	24.930	ng/ul	0.00
24) 2-Nitrophenol-d4	9.693	143	254373	26.046	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	473820	22.387	ng/ul	0.00
31) 4-Chloroaniline-d4	10.752	131	692897	21.987	ng/ul	0.00
46) Dimethylphthalate-d6	13.869	166	1409304	21.325	ng/ul	0.00
49) Acenaphthylene-d8	14.146	160	1665497	22.052	ng/ul	0.00
54) 4-Nitrophenol-d4	14.675	143	290112	23.194	ng/ul	0.00
60) Fluorene-d10	15.451	176	1240711	21.927	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	231051	20.594	ng/ul	0.00
73) Anthracene-d10	17.316	188	2004145	21.584	ng/ul	0.00
81) Pyrene-d10	19.557	212	2424818	20.597	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.551	264	2440681	21.544	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	60530	7.489	ng/uL	97
5) Pyridine	3.687	79	421218	19.625	ng/ul	99
6) Benzaldehyde	6.952	77	295674m	22.833	ng/ul	
8) Phenol	7.005	94	595964	20.875	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.234	93	478354	20.878	ng/ul	98
12) 2-Chlorophenol	7.369	128	474612	21.744	ng/ul	99
13) 2-Methylphenol	8.258	108	465002	21.180	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.340	45	625679	20.362	ng/ul	99
16) Acetophenone	8.634	105	738569	21.898	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.622	70	365814	22.529	ng/ul	99
18) 4-Methylphenol	8.587	108	516427	21.522	ng/ul	97
19) Hexachloroethane	8.875	117	186027	22.160	ng/ul	98
22) Nitrobenzene	9.016	77	544984	22.199	ng/ul	98
23) Isophorone	9.546	82	1084164	21.104	ng/ul	99
25) 2-Nitrophenol	9.722	139	286535	24.469	ng/ul	99
26) 2,4-Dimethylphenol	9.787	107	556183	21.630	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.028	93	674989	20.532	ng/ul	100
29) 2,4-Dichlorophenol	10.258	162	485691	22.105	ng/ul	100
30) Naphthalene	10.658	128	1618544	21.047	ng/ul	100
32) 4-Chloroaniline	10.775	127	712014	21.958	ng/ul	99
33) Hexachlorobutadiene	10.934	225	291764	21.344	ng/ul	98
34) Caprolactam	11.575	113	160931	21.526	ng/ul	92
35) 4-Chloro-3-methylphenol	11.905	107	541297	22.421	ng/ul	99
36) 2-Methylnaphthalene	12.269	142	1132176	21.475	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.493	142	1132755	21.514	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.640	216	604853	21.330	ng/ul	99
40)	Hexachlorocyclopentadiene	12.610	237	244745	18.655	ng/ul	100
41)	2,4,6-Trichlorophenol	12.887	196	404259	22.303	ng/ul	100
42)	2,4,5-Trichlorophenol	12.957	196	442811	22.398	ng/ul	100
43)	1,1'-Biphenyl	13.287	154	1485681	20.929	ng/ul	100
44)	2-Chloronaphthalene	13.328	162	1176420	21.089	ng/ul	99
45)	2-Nitroaniline	13.546	65	334928	25.905	ng/ul	99
47)	Dimethylphthalate	13.916	163	1469837	21.109	ng/ul	100
48)	2,6-Dinitrotoluene	14.046	165	299859	25.936	ng/ul	99
50)	Acenaphthylene	14.175	152	1830050	21.607	ng/ul	99
51)	3-Nitroaniline	14.375	138	332176	23.465	ng/ul	98
52)	Acenaphthene	14.522	153	1266926	21.285	ng/ul	99
53)	2,4-Dinitrophenol	14.587	184	154886	19.838	ng/ul	97
55)	4-Nitrophenol	14.687	109	213060	22.512	ng/ul	96
56)	Dibenzofuran	14.857	168	1753125	21.574	ng/ul	99
57)	2,4-Dinitrotoluene	14.834	165	443104	25.445	ng/ul	100
58)	2,3,4,6-Tetrachlorophenol	15.087	232	389417	23.207	ng/ul	97
59)	Diethylphthalate	15.287	149	1481996	21.874	ng/ul	99
61)	Fluorene	15.510	166	1414978	21.915	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.504	204	688851	21.751	ng/ul	98
63)	4-Nitroaniline	15.545	138	351861m	27.511	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.604	198	246484	20.619	ng/ul	96
67)	N-Nitrosodiphenylamine	15.722	169	1244443	20.504	ng/ul	100
68)	4-Bromophenyl-phenylether	16.404	248	453964	20.973	ng/ul	99
69)	Hexachlorobenzene	16.516	284	553996	21.340	ng/ul	99
70)	Atrazine	16.681	200	456914	21.732	ng/ul	99
71)	Pentachlorophenol	16.869	266	344824	21.628	ng/ul	99
72)	Phenanthrene	17.257	178	2403324	21.111	ng/ul	99
74)	Anthracene	17.351	178	2436348	21.542	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.251	216	611770	19.846	ng/uL	99
76)	Pentachlorobenzene	14.775	250	670016	20.583	ng/uL	99
77)	Carbazole	17.628	167	2269198	22.528	ng/ul	100
78)	Di-n-butylphthalate	18.175	149	2677800	22.882	ng/ul	99
80)	Fluoranthene	19.228	202	2962159	20.379	ng/ul	99
82)	Pyrene	19.586	202	3103454	20.614	ng/ul	98
83)	Butylbenzylphthalate	20.457	149	1307533	23.295	ng/ul	100
84)	3,3'-Dichlorobenzidine	21.233	252	1049835	20.611	ng/ul	100
85)	Benzo(a)anthracene	21.298	228	3190898	21.330	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.216	149	1945678	22.670	ng/ul	100
87)	Chrysene	21.345	228	2992097	21.395	ng/ul	99
89)	Di-n-octyl phthalate	22.133	149	3485643	25.204	ng/ul	100
90)	Benzo(b)fluoranthene	22.974	252	3241389	22.077	ng/ul	100
91)	Benzo(k)fluoranthene	23.022	252	3107102	22.206	ng/ul	99
93)	Benzo(a)pyrene	23.598	252	2749826	21.447	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.192	276	3085638	19.314	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.210	278	2793079	19.525	ng/ul	99
96)	Benzo(g,h,i)perylene	26.963	276	2672213	18.921	ng/ul	99

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

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