Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021025\
Data File : BP024030.D
Acq On : 11 Feb 2025 03:58
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020656

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/12/2025
Supervised By :Sohil Jodhani 02/18/2025

Quant Time: Feb 12 17:46:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	472216	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.539	136	1956686	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.380	164	1225608	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.168	188	2422765	20.000	ng/ul	-0.02
79) Chrysene-d12	21.604	240	2443897	20.000	ng/ul	-0.04
88) Perylene-d12	24.950	264	2588290	20.000	ng/ul	-0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	95330	8.388	ng/uL	0.00
4) Pyridine-d5	3.699	84	680373	20.746	ng/ul	0.00
7) Phenol-d5	6.951	99	867050	20.748	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.098	67	461159	20.848	ng/ul	0.00
11) 2-Chlorophenol-d4	7.304	132	718292	21.888	ng/ul	-0.01
15) 4-Methylphenol-d8	8.469	113	703102	20.596	ng/ul	0.00
21) Nitrobenzene-d5	8.910	128	344783	22.024	ng/ul	0.00
24) 2-Nitrophenol-d4	9.622	143	373791	22.129	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.169	165	687333	22.181	ng/ul	0.00
31) 4-Chloroaniline-d4	10.669	131	996506	21.503	ng/ul	0.00
46) Dimethylphthalate-d6	13.786	166	1926791	21.077	ng/ul	0.00
49) Acenaphthylene-d8	14.069	160	2279605	22.109	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.604	143	355961	19.607	ng/ul	0.00
60) Fluorene-d10	15.386	176	1672609	21.726	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	288892	19.328	ng/ul	0.00
73) Anthracene-d10	17.268	188	2656694	22.333	ng/ul	-0.02
81) Pyrene-d10	19.633	212	2946412	22.501	ng/ul	-0.03
92) Benzo(a)pyrene-d12	24.727	264	2935192	21.735	ng/ul	-0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	98114	8.209	ng/uL	100
5) Pyridine	3.716	79	686496	20.908	ng/ul	97
6) Benzaldehyde	6.916	77	525211	25.607	ng/ul	98
8) Phenol	6.975	94	898364	20.936	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.193	93	678897	20.784	ng/ul	99
12) 2-Chlorophenol	7.340	128	740726	21.910	ng/ul	100
13) 2-Methylphenol	8.210	108	666541	20.644	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.275	45	698202	20.718	ng/ul	99
16) Acetophenone	8.575	105	1062479	20.359	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.563	70	485135	19.741	ng/ul	98
18) 4-Methylphenol	8.534	108	738369	20.612	ng/ul	98
19) Hexachloroethane	8.834	117	288189	21.558	ng/ul	99
22) Nitrobenzene	8.951	77	748620	22.035	ng/ul	98
23) Isophorone	9.475	82	1377374	20.080	ng/ul	99
25) 2-Nitrophenol	9.657	139	404724	21.966	ng/ul	100
26) 2,4-Dimethylphenol	9.722	107	737820	21.636	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.945	93	884031	20.690	ng/ul	100
29) 2,4-Dichlorophenol	10.192	162	688810	21.919	ng/ul	99
30) Naphthalene	10.586	128	2267748	21.652	ng/ul	100
32) 4-Chloroaniline	10.692	127	948519	21.688	ng/ul	100
33) Hexachlorobutadiene	10.875	225	418799	22.014	ng/ul	99
34) Caprolactam	11.469	113	231143	18.986	ng/ul	100
35) 4-Chloro-3-methylphenol	11.828	107	708518	20.974	ng/ul	99
36) 2-Methylnaphthalene	12.192	142	1557880	21.155	ng/ul	100

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Quant Title : SVOA CALIBRATION
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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.410	142	1547331	21.180	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.563	216	817851	22.572	ng/ul	99
40)	Hexachlorocyclopentadiene	12.545	237	483402	23.676	ng/ul	100
41)	2,4,6-Trichlorophenol	12.804	196	535651	22.132	ng/ul	99
42)	2,4,5-Trichlorophenol	12.886	196	578117	22.161	ng/ul	99
43)	1,1'-Biphenyl	13.204	154	2014137	22.139	ng/ul	100
44)	2-Chloronaphthalene	13.245	162	1582905	22.330	ng/ul	100
45)	2-Nitroaniline	13.451	65	408168	22.124	ng/ul	97
47)	Dimethylphthalate	13.833	163	1905366	20.948	ng/ul	100
48)	2,6-Dinitrotoluene	13.945	165	384706	21.642	ng/ul	98
50)	Acenaphthylene	14.098	152	2438655	22.209	ng/ul	100
51)	3-Nitroaniline	14.286	138	428954	21.958	ng/ul	99
52)	Acenaphthene	14.445	153	1714059	22.017	ng/ul	100
53)	2,4-Dinitrophenol	14.492	184	282018	26.612	ng/ul	94
55)	4-Nitrophenol	14.616	109	263288	20.498	ng/ul	97
56)	Dibenzofuran	14.786	168	2357510	21.854	ng/ul	100
57)	2,4-Dinitrotoluene	14.745	165	572725	21.661	ng/ul	96
58)	2,3,4,6-Tetrachlorophenol	15.022	232	489988	22.073	ng/ul	96
59)	Diethylphthalate	15.210	149	1917178	21.038	ng/ul	99
61)	Fluorene	15.445	166	1960154	21.904	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.433	204	956307	21.587	ng/ul	97
63)	4-Nitroaniline	15.457	138	457506	24.071	ng/ul	99
66)	4,6-Dinitro-2-methylph...	15.521	198	318506	19.383	ng/ul	97
67)	N-Nitrosodiphenylamine	15.657	169	1637856	22.151	ng/ul	100
68)	4-Bromophenyl-phenylether	16.345	248	603081	22.063	ng/ul	98
69)	Hexachlorobenzene	16.463	284	705179	21.292	ng/ul	99
70)	Atrazine	16.627	200	606219	21.172	ng/ul	99
71)	Pentachlorophenol	16.816	266	422459	20.738	ng/ul	99
72)	Phenanthrene	17.216	178	3012889	22.021	ng/ul	100
74)	Anthracene	17.304	178	3118978	22.605	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.175	216	804696	22.682	ng/uL	99
76)	Pentachlorobenzene	14.704	250	843265	22.056	ng/uL	100
77)	Carbazole	17.586	167	2789154	23.074	ng/ul	100
78)	Di-n-butylphthalate	18.174	149	3294340	22.019	ng/ul	99
80)	Fluoranthene	19.292	202	3417121	22.655	ng/ul	98
82)	Pyrene	19.662	202	3685462	23.365	ng/ul	98
83)	Butylbenzylphthalate	20.615	149	1476392	21.735	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.504	252	1168203	22.094	ng/ul	99
85)	Benzo(a)anthracene	21.586	228	3483962	21.679	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.521	149	2213994	22.339	ng/ul	99
87)	Chrysene	21.651	228	3280518	22.154	ng/ul	100
89)	Di-n-octyl phthalate	22.803	149	3550779	22.885	ng/ul	100
90)	Benzo(b)fluoranthene	23.886	252	3325442	21.174	ng/ul	98
91)	Benzo(k)fluoranthene	23.962	252	3480702	22.107	ng/ul	100
93)	Benzo(a)pyrene	24.792	252	3156659	21.523	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	28.738	276	3941228m	20.731	ng/ul	
95)	Dibenzo(a,h)anthracene	28.827	278	3161648	20.502	ng/ul	100
96)	Benzo(g,h,i)perylene	29.938	276	3083048m	21.173	ng/ul	

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

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