Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011725\
Data File : BP023619.D
Acq On : 17 Jan 2025 08:33
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020767

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/20/2025
Supervised By :mohammad ahmed 01/20/2025

Quant Time: Jan 17 11:12:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 14 16:27:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	498906	20.000	ng/ul	0.00
20) Naphthalene-d8	10.581	136	2069199	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.428	164	1253573	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	2427993	20.000	ng/ul	0.00
79) Chrysene-d12	21.698	240	2622293	20.000	ng/ul	-0.01
88) Perylene-d12	25.121	264	2628098	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	116000	8.573	ng/uL	0.00
4) Pyridine-d5	3.716	84	823492	21.831	ng/ul	0.00
7) Phenol-d5	6.963	99	880643	20.503	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	545755	21.690	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	691363	20.382	ng/ul	0.00
15) 4-Methylphenol-d8	8.487	113	665942	19.989	ng/ul	0.00
21) Nitrobenzene-d5	8.946	128	330004	20.895	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	207827	20.048	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	635054	20.140	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.704	131	1041431	20.688	ng/ul	0.00
46) Dimethylphthalate-d6	13.834	166	1960227	20.093	ng/ul	0.00
49) Acenaphthylene-d8	14.116	160	2425107	20.896	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	313751	19.348	ng/ul	0.00
60) Fluorene-d10	15.439	176	1777549	21.053	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	128929	16.320	ng/ul	0.00
73) Anthracene-d10	17.339	188	2691417	20.535	ng/ul	0.00
81) Pyrene-d10	19.710	212	3021375	20.798	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.892	264	3008450	21.064	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	123232	8.606	ng/uL	99
5) Pyridine	3.734	79	836175	21.978	ng/ul	98
6) Benzaldehyde	6.946	77	618108	26.635	ng/ul	99
8) Phenol	6.987	94	957671	20.917	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.228	93	782610	21.609	ng/ul	97
12) 2-Chlorophenol	7.369	128	752768	20.732	ng/ul	99
13) 2-Methylphenol	8.228	108	680744	20.370	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.316	45	817073	21.779	ng/ul	100
16) Acetophenone	8.610	105	1214246	21.277	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.599	70	557926	20.113	ng/ul	98
18) 4-Methylphenol	8.552	108	758647	20.653	ng/ul	98
19) Hexachloroethane	8.881	117	310540	21.308	ng/ul	97
22) Nitrobenzene	8.987	77	806618	20.985	ng/ul	98
23) Isophorone	9.510	82	1539357	19.718	ng/ul	99
25) 2-Nitrophenol	9.693	139	282517	20.779	ng/ul	97
26) 2,4-Dimethylphenol	9.751	107	771554	20.511	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.987	93	1005765	20.530	ng/ul	100
29) 2,4-Dichlorophenol	10.222	162	666696	20.423	ng/ul	99
30) Naphthalene	10.628	128	2524212	20.594	ng/ul	100
32) 4-Chloroaniline	10.728	127	1017521	21.122	ng/ul	99
33) Hexachlorobutadiene	10.922	225	449835	20.784	ng/ul	98
34) Caprolactam	11.475	113	217372	18.230	ng/ul	99
35) 4-Chloro-3-methylphenol	11.845	107	651382	19.578	ng/ul	98
36) 2-Methylnaphthalene	12.245	142	1706510	20.598	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.457	142	1682939	20.453	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.610	216	870286	21.040	ng/ul	99
40)	Hexachlorocyclopentadiene	12.598	237	324741	20.338	ng/ul	99
41)	2,4,6-Trichlorophenol	12.845	196	442848	20.567	ng/ul	97
42)	2,4,5-Trichlorophenol	12.916	196	502337	20.978	ng/ul	98
43)	1,1'-Biphenyl	13.257	154	2164712	20.868	ng/ul	99
44)	2-Chloronaphthalene	13.292	162	1720730	21.295	ng/ul	99
45)	2-Nitroaniline	13.487	65	338060	21.150	ng/ul	97
47)	Dimethylphthalate	13.887	163	1974846	20.149	ng/ul	99
48)	2,6-Dinitrotoluene	13.992	165	322747	21.436	ng/ul	92
50)	Acenaphthylene	14.145	152	2626906	20.889	ng/ul	99
51)	3-Nitroaniline	14.322	138	388948	21.951	ng/ul	94
52)	Acenaphthene	14.492	153	1817131	20.628	ng/ul	98
53)	2,4-Dinitrophenol	14.528	184	75087	15.759	ng/ul	95
55)	4-Nitrophenol	14.622	109	256453	20.374	ng/ul	94
56)	Dibenzofuran	14.834	168	2508134	20.916	ng/ul	98
57)	2,4-Dinitrotoluene	14.781	165	486142	21.370	ng/ul	97
58)	2,3,4,6-Tetrachlorophenol	15.057	232	373200	19.935	ng/ul	97
59)	Diethylphthalate	15.275	149	1933412	20.009	ng/ul	99
61)	Fluorene	15.498	166	2098805	20.846	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.492	204	1027952	20.894	ng/ul	98
63)	4-Nitroaniline	15.498	138	442114	23.752	ng/ul	97
66)	4,6-Dinitro-2-methylph...	15.563	198	162582	17.293	ng/ul	99
67)	N-Nitrosodiphenylamine	15.710	169	1704236	20.963	ng/ul	100
68)	4-Bromophenyl-phenylether	16.416	248	587286	20.291	ng/ul	98
69)	Hexachlorobenzene	16.522	284	725673	20.450	ng/ul	96
70)	Atrazine	16.692	200	562827	19.942	ng/ul	100
71)	Pentachlorophenol	16.869	266	320238	18.508	ng/ul	99
72)	Phenanthrene	17.280	178	3101728	20.376	ng/ul	100
74)	Anthracene	17.375	178	3192585	20.903	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.222	216	844431	21.251	ng/uL	99
76)	Pentachlorobenzene	14.751	250	883476	20.989	ng/uL	99
77)	Carbazole	17.645	167	2853629	22.495	ng/ul	99
78)	Di-n-butylphthalate	18.257	149	2909584	19.749	ng/ul	100
80)	Fluoranthene	19.363	202	3490591	21.006	ng/ul	100
82)	Pyrene	19.739	202	3825588	21.130	ng/ul	99
83)	Butylbenzylphthalate	20.698	149	883615	18.577	ng/ul	100
84)	3,3'-Dichlorobenzidine	21.592	252	859111	19.313	ng/ul	99
85)	Benzo(a)anthracene	21.674	228	3828616	20.536	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.639	149	1552943	19.138	ng/ul	100
87)	Chrysene	21.739	228	3623083	20.870	ng/ul	100
89)	Di-n-octyl phthalate	22.968	149	1935855	17.500	ng/ul	100
90)	Benzo(b)fluoranthene	24.039	252	3460797	20.959	ng/ul	99
91)	Benzo(k)fluoranthene	24.115	252	3781246	20.898	ng/ul	100
93)	Benzo(a)pyrene	24.968	252	3452245	21.253	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	29.039	276	4110258	21.267	ng/ul	99
95)	Dibenzo(a,h)anthracene	29.121	278	3348665	21.379	ng/ul	99
96)	Benzo(g,h,i)perylene	30.239	276	3265166m	21.536	ng/ul	

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

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