Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011425\
Data File : BP023605.D
Acq On : 14 Jan 2025 14:00
Operator : RC/JU
Sample : SSTD08071
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 14 14:25:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 14 13:36:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD080604

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	531794	20.000	ng/ul	0.00
20) Naphthalene-d8	10.587	136	2210480	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.434	164	1406389	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	2770450	20.000	ng/ul	0.00
79) Chrysene-d12	21.716	240	3097005	20.000	ng/ul	0.00
88) Perylene-d12	25.151	264	3169430	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	413662	30.941	ng/uL	0.00
4) Pyridine-d5	3.711	84	3146521	79.814	ng/ul	0.00
7) Phenol-d5	6.969	99	3670083	86.335	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	2057514	77.576	ng/ul	0.00
11) 2-Chlorophenol-d4	7.346	132	2889727	94.134	ng/ul	0.00
15) 4-Methylphenol-d8	8.499	113	2835284	88.564	ng/ul	0.00
21) Nitrobenzene-d5	8.952	128	1366145	96.253	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	1122569	148.534	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.205	165	2749986	98.698	ng/ul	0.00
31) 4-Chloroaniline-d4	10.710	131	4304979	83.843	ng/ul	0.00
46) Dimethylphthalate-d6	13.840	166	7994382	85.067	ng/ul	0.00
49) Acenaphthylene-d8	14.122	160	9629431	80.120	ng/ul	0.00
54) 4-Nitrophenol-d4	14.622	143	1574245	101.115	ng/ul	0.01
60) Fluorene-d10	15.445	176	7049778	81.084	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	870041	120.391	ng/ul	0.00
73) Anthracene-d10	17.345	188	11024662	80.669	ng/ul	0.00
81) Pyrene-d10	19.722	212	12810887	79.567	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.921	264	14139934	90.801	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	433077	30.372	ng/uL	97
5) Pyridine	3.734	79	3136039	78.823	ng/ul	97
6) Benzaldehyde	6.952	77	1620970	67.203	ng/ul	100
8) Phenol	6.999	94	3818451	82.850	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.234	93	2975045	78.815	ng/ul	99
12) 2-Chlorophenol	7.375	128	2963027	88.636	ng/ul	99
13) 2-Methylphenol	8.240	108	2838580	85.033	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.322	45	3053065	77.480	ng/ul	100
16) Acetophenone	8.616	105	4665674	80.720	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.616	70	2190987	80.929	ng/ul	96
18) 4-Methylphenol	8.569	108	3101351	85.978	ng/ul	97
19) Hexachloroethane	8.887	117	1162562	83.240	ng/ul	98
22) Nitrobenzene	8.993	77	3104070	85.056	ng/ul	98
23) Isophorone	9.522	82	6280430	83.370	ng/ul	98
25) 2-Nitrophenol	9.705	139	1375118	137.382	ng/ul	99
26) 2,4-Dimethylphenol	9.758	107	3051238	88.710	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.999	93	3833146	79.982	ng/ul	99
29) 2,4-Dichlorophenol	10.228	162	2766938	95.358	ng/ul	98
30) Naphthalene	10.640	128	9493039	78.961	ng/ul	99
32) 4-Chloroaniline	10.734	127	4079834	83.275	ng/ul	99
33) Hexachlorobutadiene	10.928	225	1694602	78.193	ng/ul	100
34) Caprolactam	11.499	113	1048437m	95.652	ng/ul	
35) 4-Chloro-3-methylphenol	11.857	107	2920323	99.969	ng/ul	99
36) 2-Methylnaphthalene	12.246	142	6583511	81.458	ng/ul	99

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37) 1-Methylnaphthalene	12.463	142	6523229	81.773	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.610	216	3422876	78.281	ng/ul	99
40) Hexachlorocyclopentadiene	12.604	237	1537099	89.984	ng/ul	99
41) 2,4,6-Trichlorophenol	12.846	196	2048854	105.889	ng/ul	100
42) 2,4,5-Trichlorophenol	12.922	196	2256383	103.796	ng/ul	99
43) 1,1'-Biphenyl	13.263	154	8361295	77.027	ng/ul	98
44) 2-Chloronaphthalene	13.299	162	6485857	76.638	ng/ul	99
45) 2-Nitroaniline	13.493	65	1590831	114.492	ng/ul	99
47) Dimethylphthalate	13.893	163	8017168	84.208	ng/ul	100
48) 2,6-Dinitrotoluene	13.998	165	1529721	114.686	ng/ul	90
50) Acenaphthylene	14.151	152	10052453	77.266	ng/ul	98
51) 3-Nitroaniline	14.322	138	1632484	90.312	ng/ul#	94
52) Acenaphthene	14.498	153	7145343	78.053	ng/ul	100
53) 2,4-Dinitrophenol	14.528	184	483636	114.556	ng/ul	94
55) 4-Nitrophenol	14.634	109	1140128	93.411	ng/ul	93
56) Dibenzofuran	14.840	168	9575446	76.985	ng/ul	99
57) 2,4-Dinitrotoluene	14.793	165	2318829	116.276	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.063	232	1829497	116.269	ng/ul	99
59) Diethylphthalate	15.275	149	8106970	89.841	ng/ul	98
61) Fluorene	15.498	166	8108551	77.963	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.498	204	4012823	78.069	ng/ul	100
63) 4-Nitroaniline	15.510	138	1633851	86.626	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.563	198	1033533	121.071	ng/ul	99
67) N-Nitrosodiphenylamine	15.710	169	6802036	78.998	ng/ul	100
68) 4-Bromophenyl-phenylether	16.416	248	2506800	81.748	ng/ul	99
69) Hexachlorobenzene	16.528	284	3047530	81.099	ng/ul	100
70) Atrazine	16.692	200	2634482	89.433	ng/ul	100
71) Pentachlorophenol	16.875	266	1782946	104.521	ng/ul	98
72) Phenanthrene	17.287	178	12464451	78.292	ng/ul	95
74) Anthracene	17.387	178	12423537	77.778	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.222	216	3344185	76.033	ng/uL	99
76) Pentachlorobenzene	14.757	250	3539191	77.715	ng/uL	99
77) Carbazole	17.657	167	11869739	85.938	ng/ul	98
78) Di-n-butylphthalate	18.263	149	13055814	102.692	ng/ul#	92
80) Fluoranthene	19.369	202	14123874	77.315	ng/ul	97
82) Pyrene	19.745	202	13665430	67.985	ng/ul	96
83) Butylbenzylphthalate	20.710	149	5926132	145.508	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.604	252	4534714	91.770	ng/ul	100
85) Benzo(a)anthracene	21.692	228	15933277	80.641	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.651	149	9309258	134.026	ng/ul	98
87) Chrysene	21.757	228	14096415	74.653	ng/ul	93
89) Di-n-octyl phthalate	22.992	149	13858434	123.903	ng/ul	100
90) Benzo(b)fluoranthene	24.063	252	15980463	89.022	ng/ul	98
91) Benzo(k)fluoranthene	24.145	252	16281963	80.737	ng/ul	99
93) Benzo(a)pyrene	25.004	252	15200287	85.711	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.092	276	19447872m	92.518	ng/ul	
95) Dibenzo(a,h)anthracene	29.180	278	15742602	92.254	ng/ul	99
96) Benzo(g,h,i)perylene	30.292	276	14673956	89.904	ng/ul	99

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

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