Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021125\
Data File : BP024041.D
Acq On : 11 Feb 2025 16:19
Operator : RC/JU
Sample : Q1275-03MSD 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 13 16:04:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 13 12:56:03 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
DCZT0MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/13/2025
Supervised By :Sohil Jodhani 02/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.764	152	447870	20.000	ng/ul	0.00
20) Naphthalene-d8	10.540	136	1892386	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.381	164	1159626	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.181	188	2225039	20.000	ng/ul	0.01
79) Chrysene-d12	21.598	240	2250994	20.000	ng/ul	0.00
88) Perylene-d12	24.957	264	2314188	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	57572	5.341	ng/uL	0.00
4) Pyridine-d5	3.705	84	394430	12.681	ng/ul	0.00
7) Phenol-d5	6.952	99	392728	9.909	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.099	67	696587	33.203	ng/ul	0.00
11) 2-Chlorophenol-d4	7.305	132	978515	31.439	ng/ul	0.00
15) 4-Methylphenol-d8	8.469	113	714965	22.082	ng/ul	0.00
21) Nitrobenzene-d5	8.911	128	528088	34.880	ng/ul	0.00
24) 2-Nitrophenol-d4	9.622	143	581841	35.616	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.169	165	1080239	36.044	ng/ul	0.01
31) 4-Chloroaniline-d4	10.669	131	1423904	31.769	ng/ul	0.00
46) Dimethylphthalate-d6	13.799	166	3327985	38.475	ng/ul	0.01
49) Acenaphthylene-d8	14.075	160	3686190	37.786	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	196101	11.416	ng/ul	0.01
60) Fluorene-d10	15.387	176	2808434	38.556	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	529974	38.609	ng/ul	0.01
73) Anthracene-d10	17.281	188	4392938	40.210	ng/ul	0.01
81) Pyrene-d10	19.634	212	5052407	41.890	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.727	264	5190173	42.985	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.323	88	69383	6.121	ng/uL#	95
5) Pyridine	3.723	79	430502	13.824	ng/ul	100
6) Benzaldehyde	6.917	77	454607	23.369	ng/ul	99
8) Phenol	6.975	94	430298	10.573	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.193	93	1006869	32.500	ng/ul	100
12) 2-Chlorophenol	7.340	128	1018007	31.748	ng/ul	100
13) 2-Methylphenol	8.211	108	795713	25.985	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.275	45	952869	29.812	ng/ul	99
16) Acetophenone	8.575	105	1740493	35.164	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.563	70	796546	34.176	ng/ul	99
18) 4-Methylphenol	8.534	108	783566	23.063	ng/ul	99
19) Hexachloroethane	8.834	117	214424	16.912	ng/ul	99
22) Nitrobenzene	8.952	77	1130639	34.411	ng/ul	100
23) Isophorone	9.475	82	2623062	39.539	ng/ul	99
25) 2-Nitrophenol	9.658	139	631410	35.434	ng/ul	100
26) 2,4-Dimethylphenol	9.722	107	1087497	32.974	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.952	93	1367473	33.091	ng/ul	99
29) 2,4-Dichlorophenol	10.193	162	1098005	36.128	ng/ul	99
30) Naphthalene	10.587	128	2916538	28.793	ng/ul	100
32) 4-Chloroaniline	10.699	127	1050449	24.834	ng/ul	100
33) Hexachlorobutadiene	10.875	225	400999	21.794	ng/ul	99
35) 4-Chloro-3-methylphenol	11.828	107	1151858	35.257	ng/ul	99
36) 2-Methylnaphthalene	12.199	142	2289021	32.139	ng/ul	100
37) 1-Methylnaphthalene	12.416	142	2350115	33.262	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.563	216	1217137	35.504	ng/ul	99
40) Hexachlorocyclopentadiene	12.546	237	374759	19.400	ng/ul	98
41) 2,4,6-Trichlorophenol	12.810	196	1007057	43.978	ng/ul	99
42) 2,4,5-Trichlorophenol	12.887	196	1092117	44.247	ng/ul	100
43) 1,1'-Biphenyl	13.210	154	3094349	35.948	ng/ul	99
44) 2-Chloronaphthalene	13.251	162	2449120	36.515	ng/ul	99
45) 2-Nitroaniline	13.457	65	729020	41.763	ng/ul	99
47) Dimethylphthalate	13.846	163	3293970	38.274	ng/ul	100
48) 2,6-Dinitrotoluene	13.951	165	674080	40.079	ng/ul	99
50) Acenaphthylene	14.104	152	3991798	38.423	ng/ul	99
51) 3-Nitroaniline	14.287	138	736290	39.834	ng/ul	98
52) Acenaphthene	14.446	153	2859285	38.818	ng/ul	99
53) 2,4-Dinitrophenol	14.498	184	334633	33.373	ng/ul	96
55) 4-Nitrophenol	14.622	109	137805	11.339	ng/ul	97
56) Dibenzofuran	14.781	168	3924408	38.449	ng/ul	98
57) 2,4-Dinitrotoluene	14.751	165	1002574	40.076	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.034	232	10624543	505.855	ng/ul	97
59) Diethylphthalate	15.216	149	3281329	38.055	ng/ul	99
61) Fluorene	15.445	166	3295963	38.926	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.434	204	1571811	37.501	ng/ul	98
63) 4-Nitroaniline	15.463	138	800269	44.500	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.522	198	570678	37.814	ng/ul	94
67) N-Nitrosodiphenylamine	15.651	169	2718500	40.033	ng/ul	99
68) 4-Bromophenyl-phenylether	16.345	248	1015506	40.453	ng/ul	99
69) Hexachlorobenzene	16.463	284	1207123	39.687	ng/ul	98
70) Atrazine	16.669	200	912329	34.694	ng/ul	98
71) Pentachlorophenol	16.828	266	21858153m	1168.330	ng/ul	
72) Phenanthrene	17.222	178	5025982	39.998	ng/ul	99
74) Anthracene	17.316	178	5079220	40.083	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.175	216	1227697	37.680	ng/uL	99
76) Pentachlorobenzene	14.704	250	1403333	39.967	ng/uL	99
77) Carbazole	17.587	167	4731748	42.623	ng/ul	99
78) Di-n-butylphthalate	18.169	149	5759602	41.918	ng/ul	100
80) Fluoranthene	19.286	202	5908222	42.527	ng/ul	100
82) Pyrene	19.663	202	6232248	42.897	ng/ul	98
83) Butylbenzylphthalate	20.610	149	2594793	41.474	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.498	252	926235	19.019	ng/ul	99
85) Benzo(a)anthracene	21.580	228	6076692	41.053	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.522	149	3683491	40.352	ng/ul	99
87) Chrysene	21.651	228	5680141	41.646	ng/ul	98
89) Di-n-octyl phthalate	22.804	149	6068452	43.745	ng/ul	100
90) Benzo(b)fluoranthene	23.892	252	5978954	42.579	ng/ul	99
91) Benzo(k)fluoranthene	23.963	252	6051292	42.987	ng/ul	99
93) Benzo(a)pyrene	24.804	252	5558843	42.391	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.774	276	6930235m	40.772	ng/ul	
95) Dibenzo(a,h)anthracene	28.857	278	5593949	40.570	ng/ul	99
96) Benzo(g,h,i)perylene	29.939	276	5313397	40.811	ng/ul	100

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

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