Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023755.D
Acq On : 28 Jan 2025 01:19
Operator : RC/JU
Sample : Q1174-15MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2944MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025

Quant Time: Jan 28 02:29:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 27 21:53:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	596084	20.000	ng/ul	0.00
20) Naphthalene-d8	10.569	136	2560576	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	1649853	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	3391834	20.000	ng/ul	0.00
79) Chrysene-d12	21.674	240	3499863	20.000	ng/ul	0.00
88) Perylene-d12	25.074	264	3756304	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	65171	4.404	ng/uL	0.00
4) Pyridine-d5	3.711	84	397430	9.306	ng/ul	0.00
7) Phenol-d5	6.975	99	476042	9.438	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.128	67	965031	33.873	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	1301235	33.935	ng/ul	0.00
15) 4-Methylphenol-d8	8.504	113	911842	22.990	ng/ul	0.03
21) Nitrobenzene-d5	8.940	128	750036	38.878	ng/ul	0.01
24) 2-Nitrophenol-d4	9.657	143	817639	46.229	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.204	165	1489452	40.064	ng/ul	0.02
31) 4-Chloroaniline-d4	10.698	131	1844481	31.023	ng/ul	0.00
46) Dimethylphthalate-d6	13.822	166	4719726	39.777	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	5307623	38.651	ng/ul	0.00
54) 4-Nitrophenol-d4	14.645	143	259498	10.884	ng/ul	0.05
60) Fluorene-d10	15.428	176	4080354	40.174	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	820898	49.146	ng/ul	0.01
73) Anthracene-d10	17.322	188	6586263	40.447	ng/ul	0.00
81) Pyrene-d10	19.692	212	7697559	43.223	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.856	264	8158470	43.393	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	82221	5.252	ng/uL	97
5) Pyridine	3.728	79	445386	10.316	ng/ul	94
6) Benzaldehyde	6.940	77	636656	25.116	ng/ul	98
8) Phenol	7.004	94	523949	9.928	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.216	93	1424285	34.689	ng/ul	100
12) 2-Chlorophenol	7.369	128	1346688	33.130	ng/ul	98
13) 2-Methylphenol	8.240	108	1044018	27.260	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.304	45	1429437	33.565	ng/ul	99
16) Acetophenone	8.604	105	2341146	36.755	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.593	70	1095818	37.185	ng/ul	98
18) 4-Methylphenol	8.563	108	1009247	23.700	ng/ul	97
19) Hexachloroethane	8.869	117	341283	20.543	ng/ul	95
22) Nitrobenzene	8.981	77	1599079	35.477	ng/ul	97
23) Isophorone	9.510	82	3186395	37.167	ng/ul	97
25) 2-Nitrophenol	9.687	139	886084	42.671	ng/ul	93
26) 2,4-Dimethylphenol	9.757	107	1311660	30.477	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.981	93	1962154	35.321	ng/ul	100
29) 2,4-Dichlorophenol	10.228	162	1485771	38.657	ng/ul	100
30) Naphthalene	10.622	128	4320004	31.350	ng/ul	99
32) 4-Chloroaniline	10.722	127	1110437	19.563	ng/ul	98
33) Hexachlorobutadiene	10.916	225	616591	25.486	ng/ul	99
34) Caprolactam	11.510	113	74634m	5.294	ng/ul	
35) 4-Chloro-3-methylphenol	11.863	107	1567184	39.362	ng/ul	96
36) 2-Methylnaphthalene	12.228	142	3287111	35.325	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.451	142	3337657	35.881	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.598	216	1742035	35.548	ng/ul	100
40) Hexachlorocyclopentadiene	12.586	237	602830	24.143	ng/ul	99
41) 2,4,6-Trichlorophenol	12.845	196	1276081	44.290	ng/ul	99
42) 2,4,5-Trichlorophenol	12.922	196	1408249	44.252	ng/ul	99
43) 1,1'-Biphenyl	13.245	154	4482545	36.109	ng/ul	100
44) 2-Chloronaphthalene	13.286	162	3466259	35.864	ng/ul	100
45) 2-Nitroaniline	13.486	65	1027294	44.756	ng/ul	93
47) Dimethylphthalate	13.875	163	4747054	39.852	ng/ul	100
48) 2,6-Dinitrotoluene	13.986	165	1001918	47.157	ng/ul	96
50) Acenaphthylene	14.139	152	5592421	37.560	ng/ul	99
51) 3-Nitroaniline	14.322	138	1025196	41.347	ng/ul	94
52) Acenaphthene	14.486	153	3973935	37.749	ng/ul	99
53) 2,4-Dinitrophenol	14.522	184	530573	50.867	ng/ul	94
55) 4-Nitrophenol	14.657	109	196321	11.221	ng/ul	98
56) Dibenzofuran	14.822	168	5555556	38.368	ng/ul	99
57) 2,4-Dinitrotoluene	14.781	165	1518825	47.782	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.057	232	1230440	47.079	ng/ul	98
59) Diethylphthalate	15.257	149	4828955	41.218	ng/ul	99
61) Fluorene	15.486	166	4757616	39.429	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.480	204	2307463	39.069	ng/ul	99
63) 4-Nitroaniline	15.498	138	1224143	48.525	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.557	198	895650	47.680	ng/ul#	93
67) N-Nitrosodiphenylamine	15.698	169	4004001	39.304	ng/ul	100
68) 4-Bromophenyl-phenylether	16.392	248	1509033	41.554	ng/ul	98
69) Hexachlorobenzene	16.504	284	1817461	41.128	ng/ul	98
70) Atrazine	16.675	200	1462682	38.926	ng/ul	100
71) Pentachlorophenol	16.863	266	1109258	41.556	ng/ul	98
72) Phenanthrene	17.263	178	7659471	39.969	ng/ul	100
74) Anthracene	17.357	178	7486308	39.328	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.210	216	1739762	35.355	ng/uL	99
76) Pentachlorobenzene	14.745	250	1937589	37.067	ng/uL	100
77) Carbazole	17.633	167	7356314	43.999	ng/ul	99
78) Di-n-butylphthalate	18.227	149	8643900	45.434	ng/ul	99
80) Fluoranthene	19.345	202	9044573	44.666	ng/ul	98
82) Pyrene	19.721	202	9323582	42.393	ng/ul	99
83) Butylbenzylphthalate	20.674	149	3987111	50.268	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.574	252	2542777	41.167	ng/ul	99
85) Benzo(a)anthracene	21.651	228	9228561	41.593	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.610	149	5690108	48.106	ng/ul	97
87) Chrysene	21.721	228	8516760	41.001	ng/ul	98
89) Di-n-octyl phthalate	22.915	149	9318687	49.487	ng/ul	100
90) Benzo(b)fluoranthene	23.998	252	9326022	41.793	ng/ul	99
91) Benzo(k)fluoranthene	24.074	252	9475074	41.190	ng/ul	99
93) Benzo(a)pyrene	24.921	252	8704556	41.447	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.962	276	11321391m	43.372	ng/ul	
95) Dibenzo(a,h)anthracene	29.044	278	9271863	43.724	ng/ul	99
96) Benzo(g,h,i)perylene	30.162	276	8614688	42.902	ng/ul	98

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

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