Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020623\
Data File : BP013772.D
Acq On : 06 Feb 2023 14:32
Operator : CG/JU
Sample : 01381-23MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44M5MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/07/2023
Supervised By :mohammad ahmed 02/07/2023

Quant Time: Feb 06 23:54:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 03 23:44:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	222576	20.000	ng/ul	0.00
20) Naphthalene-d8	10.957	136	954037	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.763	164	671708	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.516	188	1704800	20.000	ng/ul	0.00
79) Chrysene-d12	21.598	240	1940485	20.000	ng/ul	0.00
88) Perylene-d12	24.163	264	2203982	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.470	96	23109	4.402	ng/uL	0.00
4) Pyridine-d5	3.911	84	161551	10.725	ng/ul	0.00
7) Phenol-d5	7.269	99	136290	6.967	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	380764	33.188	ng/ul	0.00
11) 2-Chlorophenol-d4	7.652	132	377975	26.359	ng/ul	0.00
15) 4-Methylphenol-d8	8.834	113	263472	16.895	ng/ul	0.00
21) Nitrobenzene-d5	9.299	128	233164	38.311	ng/ul	0.00
24) 2-Nitrophenol-d4	10.028	143	258561	36.455	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	546150	32.928	ng/ul	0.00
31) 4-Chloroaniline-d4	11.087	131	403965	18.441	ng/ul	0.00
46) Dimethylphthalate-d6	14.169	166	2101274	39.685	ng/ul	0.00
49) Acenaphthylene-d8	14.457	160	2244284	38.364	ng/ul	0.00
54) 4-Nitrophenol-d4	14.945	143	75259	8.433	ng/ul	0.00
60) Fluorene-d10	15.757	176	1862354	40.807	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	393146	41.152	ng/ul	0.00
73) Anthracene-d10	17.616	188	3192306	40.172	ng/ul	0.00
81) Pyrene-d10	19.833	212	4201961	38.825	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.998	264	4659590	41.415	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.511	88	27431	5.014	ng/uL	90
5) Pyridine	3.928	79	181584	11.972	ng/ul	99
6) Benzaldehyde	7.258	77	379973m	48.445	ng/ul	
8) Phenol	7.299	94	158981	7.941	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.540	93	552853	34.366	ng/ul	98
12) 2-Chlorophenol	7.687	128	408417	28.113	ng/ul	99
13) 2-Methylphenol	8.569	108	316862	20.730	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.658	45	652562	34.261	ng/ul	98
16) Acetophenone	8.958	105	874255	35.961	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.940	70	431519	35.434	ng/ul	100
18) 4-Methylphenol	8.899	108	304239	18.327	ng/ul	98
19) Hexachloroethane	9.222	117	197382	34.710	ng/ul	93
22) Nitrobenzene	9.346	77	625852	38.073	ng/ul	97
23) Isophorone	9.875	82	1298119	34.494	ng/ul	100
25) 2-Nitrophenol	10.063	139	293486	37.398	ng/ul	95
26) 2,4-Dimethylphenol	10.110	107	490027	27.636	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.352	93	798265	35.000	ng/ul	99
29) 2,4-Dichlorophenol	10.593	162	549641	34.242	ng/ul	100
30) Naphthalene	11.004	128	1793970	35.578	ng/ul	99
32) 4-Chloroaniline	11.110	127	615014	27.896	ng/ul	99
33) Hexachlorobutadiene	11.287	225	414980	36.657	ng/ul	98
34) Caprolactam	11.893	113	22329	4.114	ng/ul	93
35) 4-Chloro-3-methylphenol	12.216	107	555715	32.323	ng/ul	98
36) 2-Methylnaphthalene	12.604	142	1299697	36.212	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.822	142	1342344	37.030	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.963	216	886138	39.937	ng/ul	99
40) Hexachlorocyclopentadiene	12.946	237	367573	29.464	ng/ul	96
41) 2,4,6-Trichlorophenol	13.198	196	583435	39.694	ng/ul	99
42) 2,4,5-Trichlorophenol	13.269	196	630289	39.347	ng/ul	99
43) 1,1'-Biphenyl	13.598	154	1894355	37.248	ng/ul	99
44) 2-Chloronaphthalene	13.646	162	1502029	37.331	ng/ul	99
45) 2-Nitroaniline	13.846	65	383937	50.128	ng/ul	98
47) Dimethylphthalate	14.216	163	2122759	40.694	ng/ul	99
48) 2,6-Dinitrotoluene	14.334	165	387204	52.086	ng/ul	98
50) Acenaphthylene	14.487	152	2419901	39.229	ng/ul	99
51) 3-Nitroaniline	14.669	138	366632	46.660	ng/ul	95
52) Acenaphthene	14.828	153	1688155	39.823	ng/ul	100
53) 2,4-Dinitrophenol	14.869	184	215228	37.276	ng/ul	97
55) 4-Nitrophenol	14.963	109	58849	8.650	ng/ul	93
56) Dibenzofuran	15.163	168	2453761	39.849	ng/ul	98
57) 2,4-Dinitrotoluene	15.122	165	582061	49.851	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.387	232	631238	41.929	ng/ul	96
59) Diethylphthalate	15.575	149	2058816	41.112	ng/ul	99
61) Fluorene	15.810	166	2093382	41.775	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.798	204	1162353	42.575	ng/ul	99
63) 4-Nitroaniline	15.834	138	422931	57.484	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.887	198	395721	41.620	ng/ul	95
67) N-Nitrosodiphenylamine	16.016	169	1854755	40.308	ng/ul	99
68) 4-Bromophenyl-phenylether	16.698	248	799019	41.195	ng/ul	100
69) Hexachlorobenzene	16.816	284	944532	41.508	ng/ul	99
70) Atrazine	16.963	200	633806	34.223	ng/ul	98
71) Pentachlorophenol	17.163	266	569652	39.221	ng/ul	98
72) Phenanthrene	17.563	178	3707147	41.167	ng/ul	99
74) Anthracene	17.651	178	3748622	41.100	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.569	216	889525	36.625	ng/uL	100
76) Pentachlorobenzene	15.081	250	957059	38.437	ng/uL	98
77) Carbazole	17.916	167	3385528	42.786	ng/ul	99
78) Di-n-butylphthalate	18.445	149	3752089	40.132	ng/ul	100
80) Fluoranthene	19.510	202	4930809	39.087	ng/ul	99
82) Pyrene	19.863	202	5108150	39.606	ng/ul	99
83) Butylbenzylphthalate	20.716	149	1591291	42.944	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.498	252	1586166	35.989	ng/ul	99
85) Benzo(a)anthracene	21.580	228	5619592	42.124	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.475	149	2550908	40.153	ng/ul	98
87) Chrysene	21.633	228	5270073	41.960	ng/ul	99
89) Di-n-octyl phthalate	22.457	149	4546885	39.164	ng/ul	100
90) Benzo(b)fluoranthene	23.374	252	5964071	41.453	ng/ul	100
91) Benzo(k)fluoranthene	23.427	252	6024772	43.814	ng/ul	99
93) Benzo(a)pyrene	24.051	252	5242983	42.211	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.880	276	6277266	40.790	ng/ul	99
95) Dibenzo(a,h)anthracene	26.898	278	5208985	40.829	ng/ul	100
96) Benzo(g,h,i)perylene	27.715	276	5096653	41.863	ng/ul	99

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

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