Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016144.D
Acq On : 09 Jul 2023 21:53
Operator : MA/JU
Sample : 03384-03MSD
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW82MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/10/2023
Supervised By :mohammad ahmed 07/10/2023

Quant Time: Jul 10 01:23:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 08 10:11:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	369652	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.828	136	1507670	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.657	164	893956	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.427	188	1919620	20.000	ng/ul	#-0.02
79) Chrysene-d12	21.521	240	1798725	20.000	ng/ul	#-0.02
88) Perylene-d12	24.062	264	2112310	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	13729	1.336	ng/uL	0.00
4) Pyridine-d5	3.805	84	151070	5.833	ng/ul	0.00
7) Phenol-d5	7.222	99	95595	3.022	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	365419	18.675	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.551	132	316040	13.237	ng/ul	-0.01
15) 4-Methylphenol-d8	8.763	113	189879	7.600	ng/ul	0.00
21) Nitrobenzene-d5	9.204	128	203838	17.691	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.934	143	195685	14.551	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.498	165	366175	15.280	ng/ul	0.00
31) 4-Chloroaniline-d4	11.010	131	483550	15.708	ng/ul	-0.01
46) Dimethylphthalate-d6	14.075	166	1404884	20.332	ng/ul	-0.01
49) Acenaphthylene-d8	14.357	160	1501897	19.336	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.986	143	64027m	7.022	ng/ul	0.02
60) Fluorene-d10	15.657	176	1157551	20.346	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.869	200	52976	4.487	ng/ul	0.02
73) Anthracene-d10	17.533	188	1818534	20.740	ng/ul	-0.01
81) Pyrene-d10	19.762	212	2147583	18.285	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.886	264	2257957	21.191	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	27938	2.527	ng/uL	97
5) Pyridine	3.822	79	162042	5.981	ng/ul	97
6) Benzaldehyde	7.169	77	317904	24.861	ng/ul	97
8) Phenol	7.251	94	108227	3.297	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.434	93	455880	17.458	ng/ul	98
12) 2-Chlorophenol	7.587	128	316730	12.487	ng/ul	96
13) 2-Methylphenol	8.487	108	242280	9.777	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.545	45	690395m	19.357	ng/ul	
16) Acetophenone	8.863	105	681431	16.591	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.828	70	379413	16.632	ng/ul	99
18) 4-Methylphenol	8.834	108	216949	8.148	ng/ul	98
19) Hexachloroethane	9.075	117	126449	10.794	ng/ul	90
22) Nitrobenzene	9.251	77	544991	16.843	ng/ul	98
23) Isophorone	9.763	82	1063843	17.181	ng/ul	98
25) 2-Nitrophenol	9.969	139	202441	14.185	ng/ul	94
26) 2,4-Dimethylphenol	10.028	107	389483	12.414	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.245	93	624219	17.858	ng/ul	99
29) 2,4-Dichlorophenol	10.528	162	355230	14.910	ng/ul	98
30) Naphthalene	10.881	128	1233412	15.049	ng/ul	100
32) 4-Chloroaniline	11.039	127	410105	12.823	ng/ul	96
33) Hexachlorobutadiene	11.139	225	189854	10.552	ng/ul	99
34) Caprolactam	11.875	113	17690	2.427	ng/ul	88
35) 4-Chloro-3-methylphenol	12.169	107	391373	14.034	ng/ul	100
36) 2-Methylnaphthalene	12.498	142	851470	15.781	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.710	142	891181	16.191	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.869	216	468210	15.894	ng/ul	99
40) Hexachlorocyclopentadiene	12.810	237	68118	7.729	ng/ul	98
41) 2,4,6-Trichlorophenol	13.128	196	308025	16.545	ng/ul	96
42) 2,4,5-Trichlorophenol	13.222	196	315606	15.982	ng/ul	95
43) 1,1'-Biphenyl	13.492	154	1243564	17.563	ng/ul	96
44) 2-Chloronaphthalene	13.545	162	962793	17.261	ng/ul	98
45) 2-Nitroaniline	13.792	65	344171	19.610	ng/ul	95
47) Dimethylphthalate	14.122	163	1358929	19.004	ng/ul	99
48) 2,6-Dinitrotoluene	14.275	165	278883	19.226	ng/ul	99
50) Acenaphthylene	14.386	152	1568031	18.321	ng/ul	99
51) 3-Nitroaniline	14.633	138	234149	20.585	ng/ul	87
52) Acenaphthene	14.722	153	1102054	18.569	ng/ul	98
53) 2,4-Dinitrophenol	14.933	184	10841	1.409	ng/ul	89
55) 4-Nitrophenol	14.986	109	25121m	2.659	ng/ul	
56) Dibenzofuran	15.069	168	1556901	18.898	ng/ul	96
57) 2,4-Dinitrotoluene	15.098	165	376259	19.035	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.322	232	272456	16.063	ng/ul	100
59) Diethylphthalate	15.474	149	1432822	19.800	ng/ul	99
61) Fluorene	15.716	166	1280692	19.165	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.698	204	632097	18.486	ng/ul	96
63) 4-Nitroaniline	15.816	138	188597	24.226	ng/ul#	84
66) 4,6-Dinitro-2-methylph...	15.886	198	55955m	4.685	ng/ul	
67) N-Nitrosodiphenylamine	15.927	169	1076069	18.725	ng/ul	99
68) 4-Bromophenyl-phenylether	16.604	248	396220	18.075	ng/ul	91
69) Hexachlorobenzene	16.727	284	459369	17.760	ng/ul	95
70) Atrazine	16.892	200	202134	9.189	ng/ul	98
71) Pentachlorophenol	17.104	266	148502	11.963	ng/ul	94
72) Phenanthrene	17.468	178	2062691	19.779	ng/ul	100
74) Anthracene	17.568	178	2069126	19.746	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.469	216	481286	15.408	ng/uL	99
76) Pentachlorobenzene	14.986	250	526498	16.701	ng/uL	99
77) Carbazole	17.863	167	1882717	21.317	ng/ul	99
78) Di-n-butylphthalate	18.357	149	2601050	22.214	ng/ul	99
80) Fluoranthene	19.439	202	2465586	16.891	ng/ul#	95
82) Pyrene	19.792	202	2539782	17.057	ng/ul#	90
83) Butylbenzylphthalate	20.633	149	1204272	19.824	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.439	252	793032	19.503	ng/ul	99
85) Benzo(a)anthracene	21.504	228	2470153	19.522	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.374	149	1814946	21.740	ng/ul#	99
87) Chrysene	21.562	228	2464996	20.533	ng/ul	100
89) Di-n-octyl phthalate	22.333	149	3109520	20.143	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	2568515	18.924	ng/ul	98
91) Benzo(k)fluoranthene	23.321	252	2706295	19.735	ng/ul#	98
93) Benzo(a)pyrene	23.939	252	2355899	19.865	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.739	276	3072131	19.082	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.727	278	2555322	19.324	ng/ul#	95
96) Benzo(g,h,i)perylene	27.580	276	2503907	18.905	ng/ul#	95

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

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