Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016155.D
Acq On : 10 Jul 2023 13:00
Operator : MA/JU
Sample : 03356-06MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW35MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/11/2023
Supervised By :mohammad ahmed 07/11/2023

Quant Time: Jul 10 23:03:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 22:19:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.011	152	210345	20.000	ng/ul	0.00
20) Naphthalene-d8	10.828	136	925859	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.657	164	597117	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.422	188	1326043	20.000	ng/ul	-0.01
79) Chrysene-d12	21.528	240	1122249	20.000	ng/ul	-0.02
88) Perylene-d12	24.080	264	1061564	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	32242	5.515	ng/uL	0.00
4) Pyridine-d5	3.787	84	360878	24.487	ng/ul	0.00
7) Phenol-d5	7.193	99	601090	33.399	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.334	67	382996	34.397	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.540	132	465425	34.258	ng/ul	0.00
15) 4-Methylphenol-d8	8.746	113	487085	34.259	ng/ul	-0.01
21) Nitrobenzene-d5	9.199	128	237046	33.501	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.928	143	273873	33.163	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.487	165	511745	34.774	ng/ul	-0.02
31) 4-Chloroaniline-d4	11.005	131	565252	29.901	ng/ul	-0.02
46) Dimethylphthalate-d6	14.069	166	1584836	34.339	ng/ul	-0.01
49) Acenaphthylene-d8	14.357	160	1789171	34.486	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	81126m	13.320	ng/ul	-0.04
60) Fluorene-d10	15.657	176	1349357	35.508	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.840	200	244279	29.954	ng/ul	-0.02
73) Anthracene-d10	17.528	188	2068668m	34.153	ng/ul	-0.01
81) Pyrene-d10	19.763	212	2399079	32.738	ng/ul	-0.02
92) Benzo(a)pyrene-d12	23.898	264	1892136	35.334	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	89470	14.220	ng/uL	97
5) Pyridine	3.805	79	540624	35.066	ng/ul	99
6) Benzaldehyde	7.164	77	403556	55.461	ng/ul	97
8) Phenol	7.222	94	774018	41.444	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.428	93	630371	42.422	ng/ul	100
12) 2-Chlorophenol	7.575	128	599547	41.538	ng/ul	99
13) 2-Methylphenol	8.475	108	592424	42.013	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.546	45	955328m	47.070	ng/ul	
16) Acetophenone	8.858	105	979688	41.918	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.828	70	534263	41.158	ng/ul	99
18) 4-Methylphenol	8.816	108	652538	43.070	ng/ul	100
19) Hexachloroethane	9.075	117	268739	40.313	ng/ul	98
22) Nitrobenzene	9.240	77	778858	39.197	ng/ul	97
23) Isophorone	9.763	82	1508401	39.669	ng/ul	98
25) 2-Nitrophenol	9.958	139	360683	41.153	ng/ul	92
26) 2,4-Dimethylphenol	10.016	107	687069	35.661	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.240	93	912580	42.514	ng/ul	98
29) 2,4-Dichlorophenol	10.516	162	614638	42.010	ng/ul	97
30) Naphthalene	10.875	128	2038690	40.505	ng/ul	100
32) 4-Chloroaniline	11.028	127	661182	33.664	ng/ul	99
33) Hexachlorobutadiene	11.134	225	432219	39.119	ng/ul	99
34) Caprolactam	11.840	113	193175m	43.165	ng/ul	
35) 4-Chloro-3-methylphenol	12.163	107	682580	39.857	ng/ul	96
36) 2-Methylnaphthalene	12.493	142	1365630	41.216	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.710	142	1389893	41.121	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.863	216	813105	41.323	ng/ul	98
40) Hexachlorocyclopentadiene	12.810	237	223831	38.024	ng/ul#	94
41) 2,4,6-Trichlorophenol	13.122	196	500756	40.268	ng/ul	99
42) 2,4,5-Trichlorophenol	13.216	196	549398	41.652	ng/ul	97
43) 1,1'-Biphenyl	13.493	154	1905442	40.288	ng/ul	98
44) 2-Chloronaphthalene	13.546	162	1498426	40.217	ng/ul	96
45) 2-Nitroaniline	13.787	65	469331	40.034	ng/ul	94
47) Dimethylphthalate	14.122	163	1937723	40.569	ng/ul	99
48) 2,6-Dinitrotoluene	14.275	165	402792	41.573	ng/ul	93
50) Acenaphthylene	14.387	152	2315740	40.509	ng/ul	99
51) 3-Nitroaniline	14.628	138	363306	47.818	ng/ul	99
52) Acenaphthene	14.722	153	1623111	40.945	ng/ul	99
53) 2,4-Dinitrophenol	14.875	184	163530	31.814	ng/ul#	83
55) 4-Nitrophenol	14.981	109	245613	38.915	ng/ul#	43
56) Dibenzofuran	15.063	168	2252331	40.929	ng/ul	96
57) 2,4-Dinitrotoluene	15.081	165	556979	42.186	ng/ul	85
58) 2,3,4,6-Tetrachlorophenol	15.310	232	471514	41.618	ng/ul	94
59) Diethylphthalate	15.475	149	1970393	40.765	ng/ul	98
61) Fluorene	15.716	166	1838281	41.184	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.698	204	948509	41.529	ng/ul	92
63) 4-Nitroaniline	15.804	138	311513	59.906	ng/ul	85
66) 4,6-Dinitro-2-methylph...	15.851	198	306020	37.088	ng/ul	98
67) N-Nitrosodiphenylamine	15.922	169	1547289	38.977	ng/ul	99
68) 4-Bromophenyl-phenylether	16.598	248	626119	41.349	ng/ul#	86
69) Hexachlorobenzene	16.722	284	511283	28.616	ng/ul	94
70) Atrazine	16.887	200	436560	28.729	ng/ul	98
71) Pentachlorophenol	17.098	266	300308	35.020	ng/ul	97
72) Phenanthrene	17.469	178	2913407	40.443	ng/ul	99
74) Anthracene	17.563	178	2916196	40.287	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.463	216	839984	38.929	ng/uL	100
76) Pentachlorobenzene	14.981	250	1959410	89.975	ng/uL	100
77) Carbazole	17.857	167	2528137	41.438	ng/ul	99
78) Di-n-butylphthalate	18.357	149	3519724	43.516	ng/ul	99
80) Fluoranthene	19.439	202	3427657	37.636	ng/ul	98
82) Pyrene	19.798	202	3502885	37.705	ng/ul	95
83) Butylbenzylphthalate	20.634	149	1511713	39.886	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.445	252	1018587	40.151	ng/ul	100
85) Benzo(a)anthracene	21.510	228	3086993	39.103	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.381	149	2177692	41.808	ng/ul	98
87) Chrysene	21.569	228	3122222	41.685	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	3383864	43.618	ng/ul	100
90) Benzo(b)fluoranthene	23.275	252	2828945	41.474	ng/ul	99
91) Benzo(k)fluoranthene	23.333	252	2901599	42.103	ng/ul	99
93) Benzo(a)pyrene	23.957	252	2400254	40.272	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.757	276	2860258	35.351	ng/ul	97
95) Dibenzo(a,h)anthracene	26.751	278	2344311	35.275	ng/ul	98
96) Benzo(g,h,i)perylene	27.604	276	2280119	34.255	ng/ul	98

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

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