Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
Data File : BP015657.D
Acq On : 22 Jun 2023 20:45
Operator : MA/JU
Sample : 03083-22MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 22 23:32:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 22:01:49 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
DCFQ6MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	111634	20.000	ng/ul	0.00
20) Naphthalene-d8	10.905	136	459822	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	244845	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.487	188	445292	20.000	ng/ul	0.00
79) Chrysene-d12	21.575	240	428150	20.000	ng/ul	0.00
88) Perylene-d12	24.133	264	542574	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	11156	3.701	ng/uL	0.00
4) Pyridine-d5	3.846	84	97277	12.423	ng/ul	0.00
7) Phenol-d5	7.240	99	211926	20.606	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	135837	22.116	ng/ul	0.00
11) 2-Chlorophenol-d4	7.605	132	173692	23.294	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	155234	18.391	ng/ul	0.00
21) Nitrobenzene-d5	9.258	128	86569	23.980	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	97104	23.554	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	169731	22.569	ng/ul	0.00
31) 4-Chloroaniline-d4	11.057	131	142231	13.176	ng/ul	0.00
46) Dimethylphthalate-d6	14.134	166	466726	24.173	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	525616	24.897	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	49789	14.400	ng/ul	0.00
60) Fluorene-d10	15.722	176	365385	22.442	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	60085	21.300	ng/ul	0.00
73) Anthracene-d10	17.587	188	507002	25.025	ng/ul	0.00
81) Pyrene-d10	19.816	212	597587	26.078	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.963	264	699298	25.687	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	26851	8.432	ng/uL	89
5) Pyridine	3.864	79	112167	13.817	ng/ul	96
6) Benzaldehyde	7.216	77	153592m	39.072	ng/ul	
8) Phenol	7.269	94	241975	22.806	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.493	93	183544	21.879	ng/ul	99
12) 2-Chlorophenol	7.640	128	181286	23.011	ng/ul	98
13) 2-Methylphenol	8.534	108	160384	19.646	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.605	45	246387m	22.164	ng/ul	
16) Acetophenone	8.916	105	335715	24.923	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.893	70	157380	21.647	ng/ul	99
18) 4-Methylphenol	8.863	108	175343	19.522	ng/ul	99
19) Hexachloroethane	9.163	117	82917	24.907	ng/ul	99
22) Nitrobenzene	9.299	77	230350	24.061	ng/ul	99
23) Isophorone	9.828	82	425760	22.216	ng/ul	99
25) 2-Nitrophenol	10.016	139	102774	23.089	ng/ul	97
26) 2,4-Dimethylphenol	10.075	107	75494	7.998	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.310	93	246665	22.138	ng/ul	98
29) 2,4-Dichlorophenol	10.557	162	169953	22.729	ng/ul	99
30) Naphthalene	10.957	128	593169	23.806	ng/ul	99
32) 4-Chloroaniline	11.081	127	140932	12.618	ng/ul	100
33) Hexachlorobutadiene	11.228	225	134000	26.573	ng/ul	95
34) Caprolactam	11.869	113	42611	15.138	ng/ul	98
35) 4-Chloro-3-methylphenol	12.199	107	173305	19.129	ng/ul	96
36) 2-Methylnaphthalene	12.557	142	372524	21.267	ng/ul	100

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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.775	142	381264	21.618	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.928	216	211633	27.758	ng/ul	99
40) Hexachlorocyclopentadiene	12.893	237	46138	14.763	ng/ul	94
41) 2,4,6-Trichlorophenol	13.169	196	124923	24.618	ng/ul	99
42) 2,4,5-Trichlorophenol	13.251	196	132541	23.969	ng/ul	97
43) 1,1'-Biphenyl	13.557	154	488386	25.793	ng/ul	100
44) 2-Chloronaphthalene	13.604	162	382652	25.758	ng/ul	97
45) 2-Nitroaniline	13.822	65	114545	24.092	ng/ul	96
47) Dimethylphthalate	14.181	163	464117	23.282	ng/ul	99
48) 2,6-Dinitrotoluene	14.310	165	94060	23.030	ng/ul	96
50) Acenaphthylene	14.451	152	576476	24.657	ng/ul	99
51) 3-Nitroaniline	14.651	138	71688	21.263	ng/ul	97
52) Acenaphthene	14.793	153	388754	24.055	ng/ul	98
53) 2,4-Dinitrophenol	14.875	184	34559	14.066	ng/ul	97
55) 4-Nitrophenol	14.969	109	54947	16.476	ng/ul	90
56) Dibenzofuran	15.128	168	530117	23.144	ng/ul	97
57) 2,4-Dinitrotoluene	15.110	165	125529	20.897	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.357	232	96723	19.372	ng/ul	99
59) Diethylphthalate	15.540	149	451179	22.083	ng/ul	99
61) Fluorene	15.775	166	418244	22.399	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.763	204	217018	23.061	ng/ul	96
63) 4-Nitroaniline	15.816	138	68282m	21.351	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.875	198	60707	21.100	ng/ul#	90
67) N-Nitrosodiphenylamine	15.981	169	343407	27.184	ng/ul	98
68) 4-Bromophenyl-phenylether	16.669	248	131039	27.507	ng/ul	98
69) Hexachlorobenzene	16.787	284	152500	27.138	ng/ul	97
70) Atrazine	16.940	200	115642	22.924	ng/ul	98
71) Pentachlorophenol	17.145	266	63594	20.022	ng/ul	97
72) Phenanthrene	17.534	178	647016	27.076	ng/ul	99
74) Anthracene	17.622	178	595035	24.542	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.528	216	204493	33.274	ng/uL	100
76) Pentachlorobenzene	15.046	250	196391	30.521	ng/uL	99
77) Carbazole	17.898	167	527971	24.184	ng/ul	99
78) Di-n-butylphthalate	18.422	149	708345	25.573	ng/ul	100
80) Fluoranthene	19.492	202	834370	29.892	ng/ul	97
82) Pyrene	19.845	202	840259	29.097	ng/ul	97
83) Butylbenzylphthalate	20.698	149	333420	26.122	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.486	252	139238	13.765	ng/ul	99
85) Benzo(a)anthracene	21.563	228	835706	27.921	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.451	149	513888	27.239	ng/ul	100
87) Chrysene	21.616	228	804168	28.425	ng/ul	99
89) Di-n-octyl phthalate	22.422	149	889931	24.956	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	995440	28.422	ng/ul	99
91) Benzo(k)fluoranthene	23.392	252	887275	26.208	ng/ul	99
93) Benzo(a)pyrene	24.016	252	833622	27.300	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.839	276	1142006	28.899	ng/ul	97
95) Dibenzo(a,h)anthracene	26.851	278	897597	27.880	ng/ul	98
96) Benzo(g,h,i)perylene	27.674	276	887104	27.240	ng/ul	97

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

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