Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082924\
Data File : BP021745.D
Acq On : 30 Aug 2024 07:54
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020749

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024

Quant Time: Aug 30 08:31:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 29 23:56:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	465157	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	2027672	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	1362276	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.228	188	2869627	20.000	ng/ul	0.00
79) Chrysene-d12	21.686	240	2529495	20.000	ng/ul	0.02
88) Perylene-d12	25.098	264	2945968	20.000	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	94825	6.768	ng/uL	0.00
4) Pyridine-d5	3.687	84	766210	18.907	ng/ul	0.00
7) Phenol-d5	6.963	99	1072124	21.597	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	535695	19.829	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	692653	21.612	ng/ul	0.00
15) 4-Methylphenol-d8	8.499	113	841448	21.936	ng/ul	0.01
21) Nitrobenzene-d5	8.934	128	346738	21.255	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	370632	22.382	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.199	165	716426	21.955	ng/ul	0.00
31) 4-Chloroaniline-d4	10.710	131	972776	20.491	ng/ul	0.01
46) Dimethylphthalate-d6	13.839	166	2005846	19.243	ng/ul	0.00
49) Acenaphthylene-d8	14.128	160	2389964	20.422	ng/ul	0.00
54) 4-Nitrophenol-d4	14.639	143	409861	20.667	ng/ul	0.01
60) Fluorene-d10	15.445	176	1778238	20.292	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	260802	16.524	ng/ul	0.00
73) Anthracene-d10	17.339	188	2721814	19.986	ng/ul	0.00
81) Pyrene-d10	19.698	212	3140787	21.721	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.857	264	3181442	20.252	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	100320	6.737	ng/uL	96
5) Pyridine	3.705	79	754408	18.629	ng/ul	98
6) Benzaldehyde	6.934	77	631205	24.859	ng/ul	99
8) Phenol	6.993	94	1108123	21.408	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.216	93	802663	19.950	ng/ul	98
12) 2-Chlorophenol	7.357	128	725074	21.555	ng/ul	100
13) 2-Methylphenol	8.234	108	810982	21.718	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.305	45	776748	20.001	ng/ul	98
16) Acetophenone	8.604	105	1250806	20.339	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.593	70	571260	19.684	ng/ul	98
18) 4-Methylphenol	8.557	108	893272	21.851	ng/ul	99
19) Hexachloroethane	8.863	117	302177	20.090	ng/ul	97
22) Nitrobenzene	8.975	77	924787	20.330	ng/ul	99
23) Isophorone	9.510	82	1750324	19.175	ng/ul	99
25) 2-Nitrophenol	9.687	139	407297	22.200	ng/ul	98
26) 2,4-Dimethylphenol	9.757	107	938301	20.837	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.981	93	1113528	19.452	ng/ul	98
29) 2,4-Dichlorophenol	10.222	162	740590	22.585	ng/ul	99
30) Naphthalene	10.622	128	2311662	20.228	ng/ul	100
32) 4-Chloroaniline	10.734	127	982940	20.508	ng/ul	99
33) Hexachlorobutadiene	10.910	225	431989	19.635	ng/ul	99
34) Caprolactam	11.510	113	277185	19.990	ng/ul	97
35) 4-Chloro-3-methylphenol	11.869	107	960719	22.136	ng/ul	100
36) 2-Methylnaphthalene	12.240	142	1577223	20.405	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.457	142	1596668	20.537	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.610	216	860103	20.032	ng/ul	100
40) Hexachlorocyclopentadiene	12.592	237	229877	9.331	ng/ul	98
41) 2,4,6-Trichlorophenol	12.851	196	599085	21.671	ng/ul	100
42) 2,4,5-Trichlorophenol	12.928	196	655861	21.972	ng/ul	99
43) 1,1'-Biphenyl	13.257	154	2040323	19.796	ng/ul	99
44) 2-Chloronaphthalene	13.292	162	1624145	20.098	ng/ul	99
45) 2-Nitroaniline	13.498	65	560096	22.124	ng/ul	99
47) Dimethylphthalate	13.887	163	1996836	19.131	ng/ul	99
48) 2,6-Dinitrotoluene	13.998	165	423809	22.017	ng/ul	98
50) Acenaphthylene	14.157	152	2559155	20.332	ng/ul	100
51) 3-Nitroaniline	14.334	138	484601	23.038	ng/ul	100
52) Acenaphthene	14.504	153	1771204	20.010	ng/ul	99
53) 2,4-Dinitrophenol	14.545	184	171218	14.857	ng/ul	98
55) 4-Nitrophenol	14.657	109	378504	20.845	ng/ul	97
56) Dibenzofuran	14.845	168	2484205	20.287	ng/ul	98
57) 2,4-Dinitrotoluene	14.804	165	616598	21.316	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.075	232	548138	21.314	ng/ul	97
59) Diethylphthalate	15.269	149	2011824	19.195	ng/ul	99
61) Fluorene	15.504	166	1971593	19.906	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.498	204	977010	19.631	ng/ul	99
63) 4-Nitroaniline	15.516	138	494534	24.325	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.581	198	289358	16.390	ng/ul	99
67) N-Nitrosodiphenylamine	15.716	169	1730340	20.497	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	630008	19.887	ng/ul	97
69) Hexachlorobenzene	16.528	284	742229	19.736	ng/ul	98
70) Atrazine	16.698	200	648048	20.238	ng/ul	99
71) Pentachlorophenol	16.881	266	490712	20.388	ng/ul	99
72) Phenanthrene	17.275	178	3196032	20.287	ng/ul	99
74) Anthracene	17.380	178	3196487	20.027	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.222	216	879953	20.625	ng/uL	98
76) Pentachlorobenzene	14.763	250	883275	19.974	ng/uL	99
77) Carbazole	17.645	167	2984025	20.787	ng/ul	99
78) Di-n-butylphthalate	18.239	149	3549921	20.316	ng/ul	100
80) Fluoranthene	19.351	202	3707743	21.974	ng/ul	99
82) Pyrene	19.727	202	3810927	21.325	ng/ul	99
83) Butylbenzylphthalate	20.680	149	1640610	22.422	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.574	252	1228487	19.272	ng/ul	99
85) Benzo(a)anthracene	21.663	228	3609196	20.058	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.604	149	2289300	21.198	ng/ul	100
87) Chrysene	21.727	228	3426644	20.235	ng/ul	99
89) Di-n-octyl phthalate	22.910	149	3970006	21.290	ng/ul	100
90) Benzo(b)fluoranthene	24.010	252	3692885	20.034	ng/ul	99
91) Benzo(k)fluoranthene	24.086	252	3708932	20.553	ng/ul	99
93) Benzo(a)pyrene	24.939	252	3432547	20.212	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.945	276	4457196m	20.356	ng/ul	
95) Dibenzo(a,h)anthracene	29.056	278	3596935	20.442	ng/ul	98
96) Benzo(g,h,i)perylene	30.162	276	3456519m	20.430	ng/ul	

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

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