Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082624\
Data File : BP021640.D
Acq On : 26 Aug 2024 15:55
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020741

Quant Time: Aug 26 16:40:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 23 17:51:55 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	286717	20.000	ng/ul	0.00
20) Naphthalene-d8	10.587	136	1186176	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	778969	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	1696252	20.000	ng/ul	0.00
79) Chrysene-d12	21.710	240	1684613	20.000	ng/ul	0.00
88) Perylene-d12	25.127	264	1953476	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	68131	7.889	ng/uL	0.00
4) Pyridine-d5	3.693	84	497512	19.917	ng/ul	0.00
7) Phenol-d5	6.963	99	587189	19.190	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	331546	19.910	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.334	132	394780	19.984	ng/ul	0.00
15) 4-Methylphenol-d8	8.493	113	453272	19.170	ng/ul	0.00
21) Nitrobenzene-d5	8.940	128	187633	19.661	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	184673	19.064	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	382213	20.022	ng/ul	0.00
31) 4-Chloroaniline-d4	10.716	131	550660	19.828	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	1173160	19.682	ng/ul	0.00
49) Acenaphthylene-d8	14.128	160	1339961	20.023	ng/ul	0.00
54) 4-Nitrophenol-d4	14.634	143	214903	18.951	ng/ul	0.00
60) Fluorene-d10	15.445	176	1006142	20.078	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	157617	16.894	ng/ul	0.00
73) Anthracene-d10	17.345	188	1599629	19.871	ng/ul	0.00
81) Pyrene-d10	19.716	212	1898846	19.718	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.898	264	2072820	19.899	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	71142	7.751	ng/uL	92
5) Pyridine	3.711	79	495171	19.837	ng/ul	99
6) Benzaldehyde	6.940	77	383916	24.530	ng/ul	98
8) Phenol	6.993	94	614517	19.261	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.222	93	493762	19.910	ng/ul	97
12) 2-Chlorophenol	7.363	128	413347	19.935	ng/ul	98
13) 2-Methylphenol	8.234	108	440058	19.119	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.310	45	479055	20.013	ng/ul	99
16) Acetophenone	8.610	105	757285	19.978	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.599	70	353650	19.770	ng/ul	98
18) 4-Methylphenol	8.558	108	491204	19.493	ng/ul	100
19) Hexachloroethane	8.875	117	188971	20.383	ng/ul	95
22) Nitrobenzene	8.987	77	531742	19.982	ng/ul	100
23) Isophorone	9.516	82	1048174	19.629	ng/ul	100
25) 2-Nitrophenol	9.693	139	208319	19.410	ng/ul	99
26) 2,4-Dimethylphenol	9.757	107	524306	19.904	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.993	93	659499	19.693	ng/ul	98
29) 2,4-Dichlorophenol	10.228	162	390304	20.347	ng/ul	99
30) Naphthalene	10.634	128	1337487	20.006	ng/ul	99
32) 4-Chloroaniline	10.740	127	564711	20.141	ng/ul	99
33) Hexachlorobutadiene	10.922	225	261097	20.286	ng/ul	95
34) Caprolactam	11.504	113	150484	18.552	ng/ul	97
35) 4-Chloro-3-methylphenol	11.863	107	503919	19.848	ng/ul	99
36) 2-Methylnaphthalene	12.251	142	906973	20.057	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.463	142	910735	20.024	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.622	216	494045	20.123	ng/ul	99
40) Hexachlorocyclopentadiene	12.604	237	271694	19.286	ng/ul	99
41) 2,4,6-Trichlorophenol	12.857	196	316199	20.003	ng/ul	99
42) 2,4,5-Trichlorophenol	12.928	196	338818	19.850	ng/ul	99
43) 1,1'-Biphenyl	13.263	154	1190769	20.205	ng/ul	99
44) 2-Chloronaphthalene	13.304	162	924769	20.013	ng/ul	100
45) 2-Nitroaniline	13.498	65	290226	20.049	ng/ul	97
47) Dimethylphthalate	13.893	163	1188551	19.914	ng/ul	100
48) 2,6-Dinitrotoluene	14.004	165	216532	19.672	ng/ul	99
50) Acenaphthylene	14.157	152	1448336	20.124	ng/ul	99
51) 3-Nitroaniline	14.334	138	246120	20.462	ng/ul	97
52) Acenaphthene	14.510	153	1013977	20.034	ng/ul	100
53) 2,4-Dinitrophenol	14.545	184	102716	15.587	ng/ul	97
55) 4-Nitrophenol	14.651	109	206326	19.871	ng/ul	98
56) Dibenzofuran	14.845	168	1421478	20.300	ng/ul	100
57) 2,4-Dinitrotoluene	14.798	165	328937	19.887	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.075	232	290240	19.737	ng/ul	97
59) Diethylphthalate	15.275	149	1209625	20.183	ng/ul	99
61) Fluorene	15.504	166	1147044	20.253	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.510	204	578318	20.322	ng/ul	96
63) 4-Nitroaniline	15.522	138	261106	22.461	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.587	198	181306	17.373	ng/ul	97
67) N-Nitrosodiphenylamine	15.722	169	994035	19.921	ng/ul	99
68) 4-Bromophenyl-phenylether	16.416	248	370343	19.777	ng/ul	99
69) Hexachlorobenzene	16.534	284	436613	19.640	ng/ul	96
70) Atrazine	16.698	200	377107	19.923	ng/ul	99
71) Pentachlorophenol	16.886	266	270894	19.040	ng/ul	97
72) Phenanthrene	17.281	178	1857429	19.946	ng/ul	99
74) Anthracene	17.375	178	1866620	19.785	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.228	216	506074	20.067	ng/uL	99
76) Pentachlorobenzene	14.763	250	511770	19.579	ng/uL	99
77) Carbazole	17.651	167	1745485	20.571	ng/ul	100
78) Di-n-butylphthalate	18.257	149	2098584	20.318	ng/ul	100
80) Fluoranthene	19.363	202	2243767	19.967	ng/ul	99
82) Pyrene	19.745	202	2400324	20.168	ng/ul	99
83) Butylbenzylphthalate	20.698	149	972592	19.959	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.610	252	818555	19.281	ng/ul	100
85) Benzo(a)anthracene	21.686	228	2399971	20.028	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.639	149	1460175	20.302	ng/ul	100
87) Chrysene	21.757	228	2246778	19.922	ng/ul	99
89) Di-n-octyl phthalate	22.951	149	2425235	19.613	ng/ul	100
90) Benzo(b)fluoranthene	24.045	252	2455092	20.086	ng/ul	99
91) Benzo(k)fluoranthene	24.116	252	2400779	20.063	ng/ul	99
93) Benzo(a)pyrene	24.968	252	2247380	19.957	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.027	276	2893050	19.925	ng/ul	99
95) Dibenzo(a,h)anthracene	29.098	278	2339135	20.048	ng/ul	100
96) Benzo(g,h,i)perylene	30.221	276	2232415	19.899	ng/ul	98

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

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