Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017233.D
Acq On : 20 Sep 2023 11:43
Operator : MA/JU
Sample : SSTD01056
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD010618

Quant Time: Sep 20 13:29:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 13:27:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	146808	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	591100	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.604	164	347415	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.381	188	759070	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	759989	20.000	ng/ul	0.00
88) Perylene-d12	24.016	264	864905	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	12801	3.518	ng/uL	0.00
4) Pyridine-d5	3.740	84	93744	9.166	ng/ul	0.00
7) Phenol-d5	7.093	99	110508	9.056	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	69422	9.163	ng/ul	0.00
11) 2-Chlorophenol-d4	7.464	132	89722	9.249	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	84765	8.510	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	37540	8.847	ng/ul	0.00
24) 2-Nitrophenol-d4	9.852	143	40296	8.861	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	80186	9.150	ng/ul	0.00
31) 4-Chloroaniline-d4	10.934	131	116642	8.889	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	235429	9.304	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	264462	9.159	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	34092	7.102	ng/ul	0.00
60) Fluorene-d10	15.604	176	206311	9.403	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.734	200	29732	6.887	ng/ul	0.00
73) Anthracene-d10	17.481	188	317130	9.543	ng/ul	0.00
81) Pyrene-d10	19.722	212	376766	9.271	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.845	264	385870	9.233	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	14235	3.757	ng/uL	96
5) Pyridine	3.764	79	98181	9.266	ng/ul	99
6) Benzaldehyde	7.099	77	66078	9.982	ng/ul	98
8) Phenol	7.122	94	114086	8.963	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.375	93	93429	9.169	ng/ul	98
12) 2-Chlorophenol	7.493	128	91051	9.240	ng/ul	100
13) 2-Methylphenol	8.387	108	81860	8.636	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.458	45	67110	4.949	ng/ul	99
16) Acetophenone	8.793	105	137139	8.836	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.758	70	65994	8.353	ng/ul	98
18) 4-Methylphenol	8.716	108	88115	8.442	ng/ul	99
19) Hexachloroethane	9.005	117	38003	9.361	ng/ul	96
22) Nitrobenzene	9.187	77	101819	9.253	ng/ul	97
23) Isophorone	9.693	82	178502	8.749	ng/ul	99
25) 2-Nitrophenol	9.887	139	44481	8.841	ng/ul	96
26) 2,4-Dimethylphenol	9.928	107	93773	9.148	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.187	93	117989	9.133	ng/ul	97
29) 2,4-Dichlorophenol	10.410	162	82032	9.253	ng/ul	99
30) Naphthalene	10.816	128	297785	9.685	ng/ul	100
32) 4-Chloroaniline	10.957	127	112560	8.841	ng/ul	98
33) Hexachlorobutadiene	11.046	225	57535	9.514	ng/ul	93
34) Caprolactam	11.769	113	22015	8.178	ng/ul	96
35) 4-Chloro-3-methylphenol	12.057	107	79262	8.431	ng/ul	99
36) 2-Methylnaphthalene	12.428	142	193037	9.388	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.646	142	199779	9.581	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.775	216	105612	9.824	ng/ul	99
40) Hexachlorocyclopentadiene	12.722	237	44395	7.222	ng/ul	97
41) 2,4,6-Trichlorophenol	13.034	196	61225	9.051	ng/ul	97
42) 2,4,5-Trichlorophenol	13.104	196	63829	8.897	ng/ul	96
43) 1,1'-Biphenyl	13.440	154	249325	9.671	ng/ul	99
44) 2-Chloronaphthalene	13.487	162	201117	9.807	ng/ul	97
45) 2-Nitroaniline	13.722	65	45353	8.401	ng/ul	93
47) Dimethylphthalate	14.063	163	238403	9.266	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	36022	7.774	ng/ul	99
50) Acenaphthylene	14.334	152	317111	9.488	ng/ul	99
51) 3-Nitroaniline	14.551	138	40215	8.078	ng/ul	99
52) Acenaphthene	14.669	153	214579	9.704	ng/ul	99
53) 2,4-Dinitrophenol	14.757	184	16605	5.491	ng/ul	93
55) 4-Nitrophenol	14.845	109	27746	7.250	ng/ul	97
56) Dibenzofuran	15.004	168	294513	9.642	ng/ul	99
57) 2,4-Dinitrotoluene	14.998	165	55449	8.036	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.228	232	56633	9.049	ng/ul	95
59) Diethylphthalate	15.422	149	231463	9.163	ng/ul	98
61) Fluorene	15.657	166	240986	9.594	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.651	204	121224	9.483	ng/ul	99
63) 4-Nitroaniline	15.722	138	35960	7.831	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.745	198	33589	7.220	ng/ul#	88
67) N-Nitrosodiphenylamine	15.875	169	194136	9.553	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	69657	9.329	ng/ul	98
69) Hexachlorobenzene	16.634	284	83607	9.474	ng/ul	97
70) Atrazine	16.834	200	65081	8.958	ng/ul	99
71) Pentachlorophenol	17.004	266	44954	7.916	ng/ul	99
72) Phenanthrene	17.422	178	382255	9.703	ng/ul	99
74) Anthracene	17.516	178	384809	9.649	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.393	216	105128	9.623	ng/uL	99
76) Pentachlorobenzene	14.898	250	102751	10.272	ng/uL	97
77) Carbazole	17.798	167	336013	9.572	ng/ul	98
78) Di-n-butylphthalate	18.310	149	358175	9.111	ng/ul	99
80) Fluoranthene	19.392	202	440636	9.301	ng/ul	100
82) Pyrene	19.751	202	475080	9.440	ng/ul	99
83) Butylbenzylphthalate	20.610	149	156568	8.825	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.410	252	143972	8.923	ng/ul	99
85) Benzo(a)anthracene	21.469	228	480822	9.384	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	229876	9.148	ng/ul	100
87) Chrysene	21.522	228	459167	9.612	ng/ul	100
89) Di-n-octyl phthalate	22.316	149	406221	8.472	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	477836	9.244	ng/ul	100
91) Benzo(k)fluoranthene	23.280	252	491316	9.470	ng/ul	99
93) Benzo(a)pyrene	23.898	252	453911	9.339	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.692	276	568948	10.163	ng/ul	97
95) Dibenzo(a,h)anthracene	26.715	278	476910	10.165	ng/ul	99
96) Benzo(g,h,i)perylene	27.527	276	460939	10.541	ng/ul	100

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

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