Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017529.D
Acq On : 04 Oct 2023 13:04
Operator : MA/JU
Sample : SSTD00560
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD005624

Quant Time: Oct 04 15:20:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 04 15:11:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	127223	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	516194	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.634	164	321025	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.422	188	721310	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	720788	20.000	ng/ul	0.00
88) Perylene-d12	24.139	264	808246	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	5849	1.888	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.463	132	38659	4.665	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.152	128	17301	4.636	ng/ul	0.00
24) 2-Nitrophenol-d4	9.869	143	18969	4.681	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	36251	4.735	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.051	166	114931	4.998	ng/ul	0.00
49) Acenaphthylene-d8	14.334	160	122674	4.638	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.639	176	99054	5.003	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.522	188	150299	4.698	ng/ul	0.00
81) Pyrene-d10	19.775	212	181002	4.644	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	179091	4.602	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	6470	2.040	ng/uL#	73
12) 2-Chlorophenol	7.499	128	39053	4.640	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.763	70	31344	5.003	ng/ul	95
19) Hexachloroethane	9.005	117	18015	5.156	ng/ul	91
22) Nitrobenzene	9.199	77	45655	4.821	ng/ul	98
23) Isophorone	9.710	82	84526	4.981	ng/ul	98
25) 2-Nitrophenol	9.904	139	20602	4.692	ng/ul	94
26) 2,4-Dimethylphenol	9.940	107	41542	4.748	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.199	93	52567	4.799	ng/ul	100
29) 2,4-Dichlorophenol	10.428	162	35230	4.668	ng/ul	96
30) Naphthalene	10.834	128	127494	4.743	ng/ul	98
33) Hexachlorobutadiene	11.057	225	27576	5.250	ng/ul	96
35) 4-Chloro-3-methylphenol	12.087	107	37001	4.877	ng/ul	96
36) 2-Methylnaphthalene	12.445	142	86127	4.910	ng/ul	97
37) 1-Methylnaphthalene	12.669	142	87378	4.873	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.798	216	48648	4.722	ng/ul	99
41) 2,4,6-Trichlorophenol	13.057	196	29836	4.774	ng/ul	96
42) 2,4,5-Trichlorophenol	13.140	196	30721	4.692	ng/ul	92
43) 1,1'-Biphenyl	13.463	154	115140	4.727	ng/ul	98
44) 2-Chloronaphthalene	13.510	162	92058	4.767	ng/ul	98
45) 2-Nitroaniline	13.757	65	22720	4.790	ng/ul	93
47) Dimethylphthalate	14.098	163	117149	5.057	ng/ul	99
48) 2,6-Dinitrotoluene	14.251	165	19260	4.787	ng/ul	92
50) Acenaphthylene	14.363	152	145054	4.690	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.698	153	98072	4.801	ng/ul	99
56) Dibenzofuran	15.039	168	139903	5.001	ng/ul	98
57) 2,4-Dinitrotoluene	15.039	165	29039	4.900	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.263	232	27119	4.882	ng/ul#	97
59) Diethylphthalate	15.457	149	117414	5.243	ng/ul	99
61) Fluorene	15.692	166	113905	5.012	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.687	204	58560	5.084	ng/ul	100
67) N-Nitrosodiphenylamine	15.916	169	92561	4.665	ng/ul	96
68) 4-Bromophenyl-phenylether	16.598	248	35089	4.842	ng/ul	97
69) Hexachlorobenzene	16.675	284	41826	4.974	ng/ul	96
72) Phenanthrene	17.469	178	180770	4.785	ng/ul	99
74) Anthracene	17.563	178	181499	4.740	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.416	216	49434	4.465	ng/uL	98
76) Pentachlorobenzene	14.928	250	49343	4.718	ng/uL	97
78) Di-n-butylphthalate	18.363	149	190753	5.094	ng/ul	99
80) Fluoranthene	19.445	202	211797	4.659	ng/ul	99
82) Pyrene	19.804	202	227130	4.700	ng/ul	99
83) Butylbenzylphthalate	20.674	149	82660	4.824	ng/ul	96
85) Benzo(a)anthracene	21.545	228	232085	4.771	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.422	149	118797	4.801	ng/ul	99
87) Chrysene	21.598	228	216547	4.730	ng/ul	99
90) Benzo(b)fluoranthene	23.333	252	230077	4.828	ng/ul	100
91) Benzo(k)fluoranthene	23.386	252	224591	4.672	ng/ul	99
93) Benzo(a)pyrene	24.021	252	206145	4.521	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.880	276	257528	4.506	ng/ul	98
95) Dibenzo(a,h)anthracene	26.909	278	218789	4.596	ng/ul	99
96) Benzo(g,h,i)perylene	27.733	276	209985	4.556	ng/ul	98

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

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