Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012225\
Data File : BP023701.D
Acq On : 22 Jan 2025 13:29
Operator : RC/JU
Sample : SSTD00573
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD005609

Quant Time: Jan 22 23:45:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 23:30:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	558967	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	2263525	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	1470872	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	2931143	20.000	ng/ul	0.00
79) Chrysene-d12	21.657	240	3138891	20.000	ng/ul	0.00
88) Perylene-d12	25.051	264	3174295	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	26461	1.907	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	7.328	132	154910	4.308	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.934	128	74067	4.343	ng/ul	0.00
24) 2-Nitrophenol-d4	9.652	143	61646	3.943	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.187	165	136423	4.151	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.828	166	494463	4.674	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	538113	4.395	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.422	176	414151	4.574	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.316	188	646649	4.595	ng/ul	0.00
81) Pyrene-d10	19.680	212	727297	4.554	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.810	264	648961	4.085	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	28571	1.946	ng/uL	90
12) 2-Chlorophenol	7.357	128	170032	4.461	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.581	70	126112	4.564	ng/ul	99
19) Hexachloroethane	8.869	117	73901	4.744	ng/ul	100
22) Nitrobenzene	8.975	77	188999	4.743	ng/ul	98
23) Isophorone	9.499	82	344035	4.540	ng/ul	100
25) 2-Nitrophenol	9.681	139	75211	4.097	ng/ul	97
26) 2,4-Dimethylphenol	9.740	107	174357	4.583	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.981	93	237463	4.836	ng/ul	98
29) 2,4-Dichlorophenol	10.210	162	149548	4.402	ng/ul	99
30) Naphthalene	10.622	128	593290	4.870	ng/ul	100
33) Hexachlorobutadiene	10.916	225	103334	4.832	ng/ul	98
35) 4-Chloro-3-methylphenol	11.845	107	147968	4.204	ng/ul	99
36) 2-Methylnaphthalene	12.234	142	389225	4.732	ng/ul	99
37) 1-Methylnaphthalene	12.451	142	389209	4.733	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.598	216	200307	4.585	ng/ul	100
41) 2,4,6-Trichlorophenol	12.840	196	103754	4.039	ng/ul	100
42) 2,4,5-Trichlorophenol	12.904	196	113815	4.012	ng/ul	100
43) 1,1'-Biphenyl	13.245	154	527319	4.765	ng/ul	97
44) 2-Chloronaphthalene	13.281	162	402428	4.670	ng/ul	98
45) 2-Nitroaniline	13.481	65	80097	3.914	ng/ul	96
47) Dimethylphthalate	13.869	163	499856	4.707	ng/ul	100
48) 2,6-Dinitrotoluene	13.981	165	70593	3.727	ng/ul	88
50) Acenaphthylene	14.140	152	616072	4.641	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.481	153	448044	4.774	ng/ul	99
56) Dibenzofuran	14.822	168	623029	4.826	ng/ul	100
57) 2,4-Dinitrotoluene	14.769	165	106777	3.768	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.051	232	94913	4.073	ng/ul	100
59) Diethylphthalate	15.251	149	469776	4.498	ng/ul	100
61) Fluorene	15.481	166	512618	4.765	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.475	204	248627	4.722	ng/ul	99
67) N-Nitrosodiphenylamine	15.692	169	404744	4.598	ng/ul	99
68) 4-Bromophenyl-phenylether	16.392	248	141782	4.518	ng/ul	95
69) Hexachlorobenzene	16.510	284	178022	4.662	ng/ul	96
72) Phenanthrene	17.257	178	789917	4.770	ng/ul	99
74) Anthracene	17.351	178	773611	4.703	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.204	216	196726	4.626	ng/uL	98
76) Pentachlorobenzene	14.739	250	212268	4.699	ng/uL	98
78) Di-n-butylphthalate	18.233	149	742849	4.518	ng/ul	100
80) Fluoranthene	19.333	202	859369	4.732	ng/ul	99
82) Pyrene	19.710	202	971276	4.924	ng/ul	98
83) Butylbenzylphthalate	20.669	149	272688	3.833	ng/ul	99
85) Benzo(a)anthracene	21.639	228	940413	4.726	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.592	149	405602	3.823	ng/ul	100
87) Chrysene	21.698	228	883903	4.745	ng/ul	99
90) Benzo(b)fluoranthene	23.968	252	823275	4.366	ng/ul	99
91) Benzo(k)fluoranthene	24.045	252	855141	4.399	ng/ul	99
93) Benzo(a)pyrene	24.886	252	759238	4.278	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.886	276	904816	4.108	ng/ul	100
95) Dibenzo(a,h)anthracene	28.974	278	721727	4.037	ng/ul	99
96) Benzo(g,h,i)perylene	30.068	276	713361	4.205	ng/ul	99

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

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