Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013125\
Data File : BP023860.D
Acq On : 01 Feb 2025 16:09
Operator : RC/JU
Sample : Q1248-10MS
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A6342MS

Quant Time: Feb 03 08:35:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 31 11:40:55 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	371305	20.000	ng/ul	0.02
20) Naphthalene-d8	10.552	136	1582512	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.398	164	1023327	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	2017116	20.000	ng/ul	-0.02
79) Chrysene-d12	21.639	240	2134212	20.000	ng/ul	0.00
88) Perylene-d12	24.998	264	2144731	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	43103	4.823	ng/uL	0.01
4) Pyridine-d5	3.705	84	614416	23.827	ng/ul	0.01
7) Phenol-d5	6.963	99	889323	27.065	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.116	67	470587	27.056	ng/ul	0.02
11) 2-Chlorophenol-d4	7.322	132	714317	27.683	ng/ul	0.01
15) 4-Methylphenol-d8	8.481	113	713036	26.564	ng/ul	0.01
21) Nitrobenzene-d5	8.922	128	333534	26.343	ng/ul	0.01
24) 2-Nitrophenol-d4	9.640	143	349385	25.574	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.181	165	686507	27.392	ng/ul	0.00
31) 4-Chloroaniline-d4	10.681	131	857857	22.888	ng/ul	0.00
46) Dimethylphthalate-d6	13.798	166	1922889	25.192	ng/ul	0.00
49) Acenaphthylene-d8	14.087	160	1995777	23.183	ng/ul	0.00
54) 4-Nitrophenol-d4	14.616	143	370396	24.434	ng/ul	0.00
60) Fluorene-d10	15.404	176	1392864	21.669	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	248667	19.983	ng/ul	-0.02
73) Anthracene-d10	17.281	188	2085559	21.058	ng/ul	-0.03
81) Pyrene-d10	19.657	212	2132425	18.647	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.774	264	1797757	16.065	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	142080	15.118	ng/uL	98
5) Pyridine	3.722	79	1015049	39.317	ng/ul	99
6) Benzaldehyde	6.928	77	216379	13.417	ng/ul	98
8) Phenol	6.993	94	1444621	42.815	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.205	93	1012968	39.439	ng/ul	100
12) 2-Chlorophenol	7.352	128	1091517	41.060	ng/ul	98
13) 2-Methylphenol	8.222	108	1019330	40.151	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.293	45	1056484	39.870	ng/ul	100
16) Acetophenone	8.587	105	1595807	38.889	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.575	70	756699	39.161	ng/ul	98
18) 4-Methylphenol	8.546	108	1134531	40.278	ng/ul	97
19) Hexachloroethane	8.852	117	412333	39.227	ng/ul	99
22) Nitrobenzene	8.963	77	1128491	41.071	ng/ul	98
23) Isophorone	9.487	82	2129635	38.387	ng/ul	98
25) 2-Nitrophenol	9.669	139	587351	39.416	ng/ul	98
26) 2,4-Dimethylphenol	9.734	107	1143730	41.469	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.963	93	1335780	38.654	ng/ul	100
29) 2,4-Dichlorophenol	10.210	162	1032685	40.632	ng/ul	99
30) Naphthalene	10.604	128	3411778	40.277	ng/ul	99
32) 4-Chloroaniline	10.704	127	792092	22.393	ng/ul	99
33) Hexachlorobutadiene	10.893	225	596938	38.797	ng/ul	99
34) Caprolactam	11.493	113	349544	35.500	ng/ul	99
35) 4-Chloro-3-methylphenol	11.846	107	1095459	40.096	ng/ul	98
36) 2-Methylnaphthalene	12.210	142	2339366	39.278	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.428	142	2356087	39.876	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.581	216	1205596	39.851	ng/ul	99
40) Hexachlorocyclopentadiene	12.563	237	508832	29.848	ng/ul	100
41) 2,4,6-Trichlorophenol	12.828	196	797584	39.469	ng/ul	99
42) 2,4,5-Trichlorophenol	12.904	196	881421	40.467	ng/ul	100
43) 1,1'-Biphenyl	13.222	154	3049231	40.142	ng/ul	100
44) 2-Chloronaphthalene	13.263	162	2379033	40.195	ng/ul	99
45) 2-Nitroaniline	13.469	65	640285	41.565	ng/ul	100
47) Dimethylphthalate	13.851	163	2892480	38.086	ng/ul	100
48) 2,6-Dinitrotoluene	13.963	165	586791	39.536	ng/ul	100
50) Acenaphthylene	14.116	152	3668884	40.018	ng/ul	99
51) 3-Nitroaniline	14.293	138	637098	39.059	ng/ul	98
52) Acenaphthene	14.463	153	2626389	40.405	ng/ul	100
53) 2,4-Dinitrophenol	14.504	184	268367	30.329	ng/ul	97
55) 4-Nitrophenol	14.628	109	441052	41.126	ng/ul	96
56) Dibenzofuran	14.798	168	3580591	39.753	ng/ul	99
57) 2,4-Dinitrotoluene	14.757	165	881696	39.939	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.028	232	712826	38.459	ng/ul	93
59) Diethylphthalate	15.228	149	2876697	37.806	ng/ul	99
61) Fluorene	15.463	166	3057310	40.917	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.451	204	1475745	39.898	ng/ul	99
63) 4-Nitroaniline	15.469	138	766958	48.328	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.528	198	469665	34.329	ng/ul	98
67) N-Nitrosodiphenylamine	15.669	169	2458678	39.939	ng/ul	100
68) 4-Bromophenyl-phenylether	16.357	248	872743	38.350	ng/ul	98
69) Hexachlorobenzene	16.475	284	1063369	38.564	ng/ul	97
70) Atrazine	16.645	200	858311	36.004	ng/ul	99
71) Pentachlorophenol	16.834	266	619930	36.551	ng/ul	99
72) Phenanthrene	17.228	178	4591583	40.308	ng/ul	100
74) Anthracene	17.322	178	4680168	40.741	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.187	216	1182039	40.018	ng/uL	99
76) Pentachlorobenzene	14.722	250	1210907	38.042	ng/uL	100
77) Carbazole	17.598	167	4278067	42.508	ng/ul	99
78) Di-n-butylphthalate	18.192	149	4972106	39.916	ng/ul	100
80) Fluoranthene	19.316	202	5249677	39.855	ng/ul	99
82) Pyrene	19.692	202	5626496	40.847	ng/ul	100
83) Butylbenzylphthalate	20.639	149	2248131	37.899	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.533	252	1594195	34.525	ng/ul	99
85) Benzo(a)anthracene	21.616	228	5569050	39.682	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.557	149	3223704	37.247	ng/ul	99
87) Chrysene	21.680	228	5279040	40.823	ng/ul	99
89) Di-n-octyl phthalate	22.857	149	5156884	40.111	ng/ul	100
90) Benzo(b)fluoranthene	23.939	252	5454033	41.910	ng/ul	98
91) Benzo(k)fluoranthene	24.016	252	5485628	42.047	ng/ul	100
93) Benzo(a)pyrene	24.851	252	5075456	41.762	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.845	276	6540143	41.517	ng/ul	99
95) Dibenzo(a,h)anthracene	28.915	278	5376319	42.072	ng/ul	99
96) Benzo(g,h,i)perylene	30.027	276	4950337	41.027	ng/ul	99

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

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