Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111523\
Data File : BP018211.D
Acq On : 16 Nov 2023 13:34
Operator : MA/JU
Sample : SP6360
Misc : SFAM Spike
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP6360

Quant Time: Nov 16 22:11:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 15 18:13:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	57046	20.000	ng/ul	0.00
20) Naphthalene-d8	10.599	136	231179	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	156262	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	356497	20.000	ng/ul	0.00
79) Chrysene-d12	21.380	240	340720	20.000	ng/ul	0.00
88) Perylene-d12	23.851	264	362269	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
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	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	54944	31.136	ng/uL	97
5) Pyridine	3.605	79	347057	79.753	ng/ul	94
6) Benzaldehyde	6.952	77	292486	98.611	ng/ul	98
8) Phenol	6.981	94	432419	79.592	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.228	93	340345	80.748	ng/ul	96
12) 2-Chlorophenol	7.334	128	357007	81.529	ng/ul	98
13) 2-Methylphenol	8.234	108	329856	80.354	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.293	45	221628	46.050	ng/ul	99
16) Acetophenone	8.640	105	560144	78.085	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.605	70	305135	77.910	ng/ul	94
18) 4-Methylphenol	8.575	108	355810	79.478	ng/ul	96
19) Hexachloroethane	8.828	117	173515	82.820	ng/ul	91
22) Nitrobenzene	9.034	77	476472	84.723	ng/ul	96
23) Isophorone	9.540	82	840230	81.877	ng/ul	99
25) 2-Nitrophenol	9.734	139	198865	82.015	ng/ul	97
26) 2,4-Dimethylphenol	9.775	107	444911	86.257	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.028	93	467678	83.572	ng/ul	98
29) 2,4-Dichlorophenol	10.252	162	337943	84.150	ng/ul	97
30) Naphthalene	10.652	128	1154590	82.125	ng/ul	99
32) 4-Chloroaniline	10.805	127	342875	62.067	ng/ul	99
33) Hexachlorobutadiene	10.863	225	251485	85.301	ng/ul	99
34) Caprolactam	11.652	113	113799	85.300	ng/ul	99
35) 4-Chloro-3-methylphenol	11.922	107	415420	85.981	ng/ul	97
36) 2-Methylnaphthalene	12.269	142	808986	83.815	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	798117	80.468	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.622	216	429719	81.404	ng/ul	98
40) Hexachlorocyclopentadiene	12.557	237	229938	90.241	ng/ul	98
41) 2,4,6-Trichlorophenol	12.893	196	289178	83.507	ng/ul	98
42) 2,4,5-Trichlorophenol	12.969	196	303061	83.156	ng/ul	97
43) 1,1'-Biphenyl	13.293	154	1004243	75.578	ng/ul	99
44) 2-Chloronaphthalene	13.340	162	802178	76.041	ng/ul	99
45) 2-Nitroaniline	13.599	65	302847	88.961	ng/ul	98
47) Dimethylphthalate	13.940	163	1168844	82.643	ng/ul	99
48) 2,6-Dinitrotoluene	14.093	165	241257	85.821	ng/ul	96
50) Acenaphthylene	14.193	152	1440487	81.247	ng/ul	100
51) 3-Nitroaniline	14.440	138	206117	79.016	ng/ul	100
52) Acenaphthene	14.528	153	971240	82.612	ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	107140	69.863	ng/ul	93
55) 4-Nitrophenol	14.746	109	239414	83.715	ng/ul	86
56) Dibenzofuran	14.869	168	1339427	83.136	ng/ul	96
57) 2,4-Dinitrotoluene	14.887	165	370720	88.266	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.093	232	260352	80.305	ng/ul	96
59) Diethylphthalate	15.298	149	1291213	87.385	ng/ul	99
61) Fluorene	15.522	166	1180944	86.338	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.516	204	592710	88.425	ng/ul	99
63) 4-Nitroaniline	15.616	138	237733	96.577	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.645	198	206123	77.076	ng/ul#	97
67) N-Nitrosodiphenylamine	15.751	169	962171	84.157	ng/ul	99
68) 4-Bromophenyl-phenylether	16.422	248	340171	84.662	ng/ul	94
69) Hexachlorobenzene	16.504	284	372478	83.078	ng/ul	98
70) Atrazine	16.716	200	396774	99.488	ng/ul	98
71) Pentachlorophenol	16.875	266	130801	48.061	ng/ul	95
72) Phenanthrene	17.292	178	1839066	84.018	ng/ul	99
74) Anthracene	17.381	178	1894746	84.824	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.246	216	422320	77.576	ng/uL	98
76) Pentachlorobenzene	14.757	250	425501	79.840	ng/uL	97
77) Carbazole	17.681	167	1706166	87.957	ng/ul	99
78) Di-n-butylphthalate	18.192	149	2337275	94.965	ng/ul	99
80) Fluoranthene	19.275	202	2255485	84.859	ng/ul	99
82) Pyrene	19.634	202	2361444	84.786	ng/ul	99
83) Butylbenzylphthalate	20.504	149	1140175	97.344	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.310	252	674454	82.853	ng/ul	97
85) Benzo(a)anthracene	21.363	228	2337658	84.967	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.245	149	1546619	95.772	ng/ul	99
87) Chrysene	21.416	228	2156509	83.783	ng/ul	98
89) Di-n-octyl phthalate	22.198	149	2662218	98.264	ng/ul	100
90) Benzo(b)fluoranthene	23.086	252	2248125	87.199	ng/ul	98
91) Benzo(k)fluoranthene	23.139	252	2292625	88.385	ng/ul	100
93) Benzo(a)pyrene	23.745	252	2145330	88.113	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.492	276	2473972	84.720	ng/ul	97
95) Dibenzo(a,h)anthracene	26.515	278	2072090	86.178	ng/ul	98
96) Benzo(g,h,i)perylene	27.310	276	1935551	82.870	ng/ul	96

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

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