Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052322\
Data File : BP010484.D
Acq On : 23 May 2022 19:26
Operator : CG/JU
Sample : N2871-04MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 23 23:20:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 15:04:31 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
P017-SS001-1824-01MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay
05/25/2022
Supervised By :Yogesh Patel
05/26/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	186389	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.693	136	823160	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.522	164	540428	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.275	188	1154642	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.357	240	1033140	20.000	ng/ul	0.00
88) Perylene-d12	23.780	264	815668	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	18640m	4.263	ng/uL	0.00
4) Pyridine-d5	3.758	84	138248	11.135	ng/ul	0.00
7) Phenol-d5	7.058	99	117569	7.515	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	390392	37.142	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.422	132	341218	28.504	ng/ul	-0.01
15) 4-Methylphenol-d8	8.605	113	236098	17.758	ng/ul	0.00
21) Nitrobenzene-d5	9.052	128	249325	39.136	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	260151	38.533	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	434398	34.028	ng/ul	0.00
31) 4-Chloroaniline-d4	10.828	131	597332	31.469	ng/ul	-0.01
46) Dimethylphthalate-d6	13.934	166	1606793	40.354	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	1790740	38.990	ng/ul	0.00
54) 4-Nitrophenol-d4	14.728	143	57056	8.051	ng/ul	0.00
60) Fluorene-d10	15.516	176	1378560	39.797	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	281442	41.678	ng/ul	0.00
73) Anthracene-d10	17.375	188	2199122	42.061	ng/ul	0.00
81) Pyrene-d10	19.610	212	2577097	46.970	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.627	264	1814165	44.294	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.376	88	22369	4.938	ng/uL#	14
5) Pyridine	3.781	79	154022	11.936	ng/ul#	36
6) Benzaldehyde	7.028	77	438236m	52.991	ng/ul	
8) Phenol	7.081	94	134717	7.982	ng/ul#	91
10) Bis(2-Chloroethyl)ether	7.311	93	503026	37.908	ng/ul#	73
12) 2-Chlorophenol	7.458	128	364875	29.197	ng/ul	94
13) 2-Methylphenol	8.334	108	286034	22.703	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.422	45	835049	38.612	ng/ul#	83
16) Acetophenone	8.716	105	806472	38.608	ng/ul#	76
17) N-Nitroso-di-n-propyla...	8.699	70	451219	40.362	ng/ul#	71
18) 4-Methylphenol	8.663	108	264081	18.965	ng/ul	89
19) Hexachloroethane	8.969	117	198282	36.482	ng/ul#	81
22) Nitrobenzene	9.093	77	654718	39.107	ng/ul#	84
23) Isophorone	9.622	82	1250961	40.426	ng/ul#	97
25) 2-Nitrophenol	9.805	139	287916	38.838	ng/ul#	87
26) 2,4-Dimethylphenol	9.869	107	505893m	31.450	ng/ul	
27) Bis(2-Chloroethoxy)met...	10.105	93	712369	38.663	ng/ul#	96
29) 2,4-Dichlorophenol	10.340	162	455255	34.880	ng/ul#	84
30) Naphthalene	10.746	128	4735610	110.143	ng/ul	97
32) 4-Chloroaniline	10.852	127	594499	31.559	ng/ul	98
33) Hexachlorobutadiene	11.034	225	333437	36.052	ng/ul	96
34) Caprolactam	11.652	113	26093m	5.728	ng/ul	
35) 4-Chloro-3-methylphenol	11.975	107	501255	32.829	ng/ul#	72
36) 2-Methylnaphthalene	12.352	142	1177947	38.700	ng/ul	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	1249196	40.647	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.722	216	646932	39.227	ng/ul	93
40) Hexachlorocyclopentadiene	12.699	237	223314	24.906	ng/ul	94
41) 2,4,6-Trichlorophenol	12.957	196	416972	40.561	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.028	196	456229	39.747	ng/ul#	89
43) 1,1'-Biphenyl	13.357	154	1582301	39.889	ng/ul#	92
44) 2-Chloronaphthalene	13.399	162	1217414	39.736	ng/ul	94
45) 2-Nitroaniline	13.604	65	465842	46.199	ng/ul#	78
47) Dimethylphthalate	13.981	163	1639000	41.498	ng/ul#	93
48) 2,6-Dinitrotoluene	14.104	165	370799	46.055	ng/ul	94
50) Acenaphthylene	14.246	152	2018344	40.623	ng/ul	95
51) 3-Nitroaniline	14.428	138	323590	42.823	ng/ul#	81
52) Acenaphthene	14.593	153	2651947	81.820	ng/ul	97
53) 2,4-Dinitrophenol	14.640	184	184121	40.961	ng/ul#	74
55) 4-Nitrophenol	14.740	109	53548	8.497	ng/ul#	30
56) Dibenzofuran	14.922	168	2017144	42.466	ng/ul	99
57) 2,4-Dinitrotoluene	14.893	165	531828	45.886	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	15.151	232	414880	42.033	ng/ul#	86
59) Diethylphthalate	15.345	149	1737219	43.106	ng/ul	94
61) Fluorene	15.575	166	2152787	55.421	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.563	204	816275	40.397	ng/ul	94
63) 4-Nitroaniline	15.593	138	372959m	49.986	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.657	198	284032	42.177	ng/ul#	85
67) N-Nitrosodiphenylamine	15.781	169	1409277	43.522	ng/ul	95
68) 4-Bromophenyl-phenylether	16.463	248	515424	43.345	ng/ul	94
69) Hexachlorobenzene	16.587	284	583088	42.630	ng/ul#	90
70) Atrazine	16.740	200	565468	43.591	ng/ul#	89
71) Pentachlorophenol	16.928	266	366570	42.712	ng/ul#	82
72) Phenanthrene	17.322	178	2705891	43.912	ng/ul	99
74) Anthracene	17.410	178	2653911	42.931	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.328	216	665716	37.938	ng/uL#	86
76) Pentachlorobenzene	14.845	250	652754	40.999	ng/uL	92
77) Carbazole	17.687	167	4226860	77.803	ng/ul#	95
78) Di-n-butylphthalate	18.228	149	3071684	46.422	ng/ul#	93
80) Fluoranthene	19.286	202	3216851	50.452	ng/ul	96
82) Pyrene	19.639	202	3204710	48.163	ng/ul#	95
83) Butylbenzylphthalate	20.504	149	1452470	54.590	ng/ul#	83
84) 3,3'-Dichlorobenzidine	21.275	252	805029	38.769	ng/ul#	96
85) Benzo(a)anthracene	21.345	228	2911764	45.070	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.263	149	2098248	53.741	ng/ul#	80
87) Chrysene	21.398	228	2806459	44.163	ng/ul	99
89) Di-n-octyl phthalate	22.192	149	3542080	57.887	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	2530423	46.543	ng/ul	99
91) Benzo(k)fluoranthene	23.092	252	2412607	46.691	ng/ul#	97
93) Benzo(a)pyrene	23.680	252	2276564	45.070	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.315	276	2236226	47.059	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.327	278	1935477	46.940	ng/ul#	95
96) Benzo(g,h,i)perylene	27.086	276	1871497	47.166	ng/ul#	91

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

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