

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042922\
 Data File : BP010148.D
 Acq On : 29 Apr 2022 13:21
 Operator : CG/JU
 Sample : N2587-16MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EXET1MS

Quant Time: Apr 29 23:00:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 21 14:49:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2022
 Supervised By :Yogesh Patel 05/05/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	139440	20.000	ng/ul	#-0.01
20) Naphthalene-d8	10.734	136	552607	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.563	164	346818	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.316	188	722518	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.404	240	701029	20.000	ng/ul	# 0.00
88) Perylene-d12	23.851	264	717216	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	13424m	4.198	ng/uL	0.00
4) Pyridine-d5	3.787	84	73553	8.176	ng/ul	0.00
7) Phenol-d5	7.093	99	79805	6.292	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.251	67	209276	27.498	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.463	132	213924	22.774	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	152996	14.559	ng/ul	-0.01
21) Nitrobenzene-d5	9.087	128	140172	31.893	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.810	143	148686	30.976	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.357	165	256219	27.419	ng/ul	0.00
31) 4-Chloroaniline-d4	10.869	131	260654	19.454	ng/ul	-0.01
46) Dimethylphthalate-d6	13.969	166	894977	33.174	ng/ul	-0.01
49) Acenaphthylene-d8	14.251	160	1009572	30.920	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.780	143	38041m	7.659	ng/ul	0.02
60) Fluorene-d10	15.557	176	768191	33.102	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.674	200	168904	36.971	ng/ul	0.00
73) Anthracene-d10	17.416	188	1211028	34.646	ng/ul	0.00
81) Pyrene-d10	19.645	212	1412922	35.440	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.698	264	1324642	35.229	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	36410	10.957	ng/uL#	1
5) Pyridine	3.805	79	92989	9.944	ng/ul#	37
6) Benzaldehyde	7.063	77	221519	32.682	ng/ul	97
8) Phenol	7.122	94	100540	7.889	ng/ul#	93
10) Bis(2-Chloroethyl)ether	7.346	93	287176	29.248	ng/ul#	78
12) 2-Chlorophenol	7.493	128	398505	42.060	ng/ul#	88
13) 2-Methylphenol	8.375	108	212555	21.747	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.457	45	412831	28.336	ng/ul#	84
16) Acetophenone	8.751	105	459413	28.021	ng/ul#	83
17) N-Nitroso-di-n-propyla...	8.734	70	234775	27.331	ng/ul#	72
18) 4-Methylphenol	8.704	108	181222	16.840	ng/ul	90
19) Hexachloroethane	9.010	117	111762	28.072	ng/ul#	82
22) Nitrobenzene	9.128	77	340149	31.588	ng/ul#	86
23) Isophorone	9.657	82	649921	30.557	ng/ul	97
25) 2-Nitrophenol	9.839	139	159504	31.375	ng/ul#	83
26) 2,4-Dimethylphenol	9.910	107	336231	30.548	ng/ul#	78
27) Bis(2-Chloroethoxy)met...	10.139	93	386230	30.982	ng/ul#	83
29) 2,4-Dichlorophenol	10.387	162	273370	30.433	ng/ul#	83
30) Naphthalene	10.781	128	922975	31.911	ng/ul	96
32) 4-Chloroaniline	10.892	127	271187	20.539	ng/ul	97
33) Hexachlorobutadiene	11.075	225	186656	29.319	ng/ul	95
34) Caprolactam	11.769	113	23981m	7.422	ng/ul	
35) 4-Chloro-3-methylphenol	12.022	107	294624	27.151	ng/ul#	71
36) 2-Methylnaphthalene	12.386	142	645643	30.779	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.610	142	684785	32.151	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.757	216	352708	32.917	ng/ul#	92
40) Hexachlorocyclopentadiene	12.739	237	106782	17.683	ng/ul	98
41) 2,4,6-Trichlorophenol	12.998	196	246270	35.523	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.075	196	272570	36.135	ng/ul#	87
43) 1,1'-Biphenyl	13.398	154	871005	34.051	ng/ul	93
44) 2-Chloronaphthalene	13.439	162	664776	33.582	ng/ul	93
45) 2-Nitroaniline	13.639	65	249714	38.903	ng/ul#	80
47) Dimethylphthalate	14.016	163	902133	34.407	ng/ul#	93
48) 2,6-Dinitrotoluene	14.133	165	202909	37.710	ng/ul	94
50) Acenaphthylene	14.286	152	1096540	33.904	ng/ul	95
51) 3-Nitroaniline	14.463	138	164624	33.774	ng/ul#	82
52) Acenaphthene	14.627	153	743458	35.352	ng/ul	98
53) 2,4-Dinitrophenol	14.669	184	124332	41.350	ng/ul#	76
55) 4-Nitrophenol	14.792	109	35249m	8.169	ng/ul	
56) Dibenzofuran	14.963	168	1072467	34.439	ng/ul	99
57) 2,4-Dinitrotoluene	14.922	165	285478	36.317	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.192	232	240466	35.863	ng/ul#	89
59) Diethylphthalate	15.380	149	946009	35.472	ng/ul	94
61) Fluorene	15.610	166	898401	35.137	ng/ul#	89
62) 4-Chlorophenyl-phenyle...	15.604	204	454001	33.739	ng/ul	98
63) 4-Nitroaniline	15.627	138	185478m	39.106	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.686	198	172095	39.043	ng/ul#	84
67) N-Nitrosodiphenylamine	15.816	169	787767	38.000	ng/ul	95
68) 4-Bromophenyl-phenylether	16.504	248	284074	36.860	ng/ul	90
69) Hexachlorobenzene	16.622	284	318895	35.649	ng/ul#	90
70) Atrazine	16.792	200	155003	18.391	ng/ul#	87
71) Pentachlorophenol	16.969	266	219911	38.602	ng/ul#	84
72) Phenanthrene	17.357	178	1433847	36.512	ng/ul	98
74) Anthracene	17.451	178	1429998	36.152	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.363	216	360511	34.178	ng/uL#	85
76) Pentachlorobenzene	14.886	250	361540	34.953	ng/uL	90
77) Carbazole	17.721	167	1319386	37.694	ng/ul#	95
78) Di-n-butylphthalate	18.268	149	1702609	39.538	ng/ul#	93
80) Fluoranthene	19.333	202	1722091	38.296	ng/ul	96
82) Pyrene	19.674	202	1735478	37.460	ng/ul	96
83) Butylbenzylphthalate	20.545	149	778853	40.670	ng/ul#	81
85) Benzo(a)anthracene	21.386	228	1652668	37.148	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.309	149	1127015	39.707	ng/ul#	83
87) Chrysene	21.439	228	1596656	36.448	ng/ul	100
89) Di-n-octyl phthalate	22.245	149	1935084	34.706	ng/ul	100
90) Benzo(b)fluoranthene	23.104	252	1664877	34.529	ng/ul	99
91) Benzo(k)fluoranthene	23.156	252	1647450	36.070	ng/ul#	98
93) Benzo(a)pyrene	23.745	252	1657307	37.169	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.415	276	1911429	43.094	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.433	278	1643939	43.314	ng/ul#	95
96) Benzo(g,h,i)perylene	27.203	276	1647548	44.021	ng/ul#	91

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

