

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040822\
 Data File : BP009737.D
 Acq On : 09 Apr 2022 02:39
 Operator : CG/JU
 Sample : N2266-03MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YAZ18MSD

Quant Time: Apr 09 05:52:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 07 19:16:52 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/11/2022
 Supervised By :Yogesh Patel 04/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	84297	20.000	ng/u1	0.00
20) Naphthalene-d8	10.781	136	396854	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.604	164	280352	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.357	188	633699	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.439	240	713719	20.000	ng/u1	# 0.00
88) Perylene-d12	23.915	264	766363	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	12585m	6.663	ng/uL	0.00
4) Pyridine-d5	3.811	84	57378	11.018	ng/u1	0.00
7) Phenol-d5	7.122	99	90798	12.269	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	238313	54.089	ng/u1	0.00
11) 2-Chlorophenol-d4	7.504	132	234408	41.990	ng/u1	0.00
15) 4-Methylphenol-d8	8.675	113	190757	30.877	ng/u1	0.00
21) Nitrobenzene-d5	9.134	128	166450	58.162	ng/u1	0.00
24) 2-Nitrophenol-d4	9.857	143	179171	57.105	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	315955	48.123	ng/u1	0.00
31) 4-Chloroaniline-d4	10.910	131	382816	40.938	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	1274701	57.883	ng/u1	0.00
49) Acenaphthylene-d8	14.298	160	1385844	53.118	ng/u1	0.00
54) 4-Nitrophenol-d4	14.781	143	58749	14.710	ng/u1	0.00
60) Fluorene-d10	15.598	176	1061773	57.313	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	240167	63.975	ng/u1	0.00
73) Anthracene-d10	17.457	188	1805179	59.496	ng/u1	0.00
81) Pyrene-d10	19.686	212	2295184	58.881	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.762	264	2458178	61.594	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	13034	6.769	ng/uL#	26
5) Pyridine	3.828	79	60188	11.077	ng/u1#	39
6) Benzaldehyde	7.104	77	247922m	54.623	ng/u1	
8) Phenol	7.152	94	90536	12.222	ng/u1#	93
10) Bis(2-Chloroethyl)ether	7.393	93	279968	48.518	ng/u1#	79
12) 2-Chlorophenol	7.534	128	214633	38.136	ng/u1	94
13) 2-Methylphenol	8.410	108	188017	32.548	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.504	45	415431	48.705	ng/u1#	84
16) Acetophenone	8.799	105	484328	49.757	ng/u1#	81
17) N-Nitroso-di-n-propyla...	8.787	70	254552	50.442	ng/u1#	71
18) 4-Methylphenol	8.740	108	178061	28.464	ng/u1	94
19) Hexachloroethane	9.063	117	109639	46.140	ng/u1	83
22) Nitrobenzene	9.175	77	373111	50.793	ng/u1#	84
23) Isophorone	9.710	82	736633	48.665	ng/u1	97
25) 2-Nitrophenol	9.887	139	168830	50.451	ng/u1#	88
26) 2,4-Dimethylphenol	9.951	107	308097	38.797	ng/u1#	80
27) Bis(2-Chloroethoxy)met...	10.193	93	414922	46.689	ng/u1#	98
29) 2,4-Dichlorophenol	10.428	162	282387	44.364	ng/u1#	84
30) Naphthalene	10.834	128	960958	47.083	ng/u1	97
32) 4-Chloroaniline	10.934	127	342689	37.032	ng/u1	98
33) Hexachlorobutadiene	11.134	225	207993	45.371	ng/u1	97
34) Caprolactam	11.710	113	15856m	7.532	ng/u1	
35) 4-Chloro-3-methylphenol	12.051	107	333513	43.242	ng/u1#	73
36) 2-Methylnaphthalene	12.439	142	703331	47.168	ng/u1	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.657	142	720684	47.868	ng/ul#	93
39) 1,2,4,5-Tetrachloroben...	12.804	216	416023	48.502	ng/ul#	93
40) Hexachlorocyclopentadiene	12.792	237	227887	38.286	ng/ul	96
41) 2,4,6-Trichlorophenol	13.039	196	277408	50.643	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.104	196	309155	52.225	ng/ul#	87
43) 1,1'-Biphenyl	13.445	154	1000552	48.913	ng/ul	93
44) 2-Chloronaphthalene	13.486	162	776610	49.391	ng/ul	93
45) 2-Nitroaniline	13.681	65	291687	63.300	ng/ul#	80
47) Dimethylphthalate	14.063	163	1116705	52.686	ng/ul#	92
48) 2,6-Dinitrotoluene	14.175	165	240796	61.763	ng/ul	96
50) Acenaphthylene	14.328	152	1305635	50.710	ng/ul	95
51) 3-Nitroaniline	14.498	138	227648	56.167	ng/ul#	84
52) Acenaphthene	14.669	153	844141	50.074	ng/ul	96
53) 2,4-Dinitrophenol	14.704	184	146177	62.029	ng/ul#	83
55) 4-Nitrophenol	14.798	109	52227	14.206	ng/ul#	64
56) Dibenzofuran	15.004	168	1260604	50.809	ng/ul	96
57) 2,4-Dinitrotoluene	14.957	165	359142	62.734	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.228	232	296948	55.017	ng/ul#	86
59) Diethylphthalate	15.433	149	1178946	53.746	ng/ul	93
61) Fluorene	15.657	166	1065360	52.131	ng/ul	89
62) 4-Chlorophenyl-phenyle...	15.651	204	551187	50.725	ng/ul	97
63) 4-Nitroaniline	15.663	138	265487m	65.398	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.728	198	217609	58.316	ng/ul#	94
67) N-Nitrosodiphenylamine	15.857	169	948610	52.293	ng/ul	94
68) 4-Bromophenyl-phenylether	16.545	248	358959	52.330	ng/ul	96
69) Hexachlorobenzene	16.663	284	415345	52.658	ng/ul#	90
70) Atrazine	16.816	200	385148m	51.438	ng/ul	
71) Pentachlorophenol	17.004	266	290047	54.327	ng/ul#	82
72) Phenanthrene	17.398	178	1839718	54.388	ng/ul	98
74) Anthracene	17.492	178	1860585	54.253	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.410	216	451125	49.239	ng/uL#	85
76) Pentachlorobenzene	14.928	250	447624	50.124	ng/uL	90
77) Carbazole	17.757	167	1720226	55.505	ng/ul#	96
78) Di-n-butylphthalate	18.316	149	2149133	56.391	ng/ul#	92
80) Fluoranthene	19.363	202	2362053	52.645	ng/ul#	94
82) Pyrene	19.716	202	2403857	52.844	ng/ul#	91
83) Butylbenzylphthalate	20.586	149	1047773	56.147	ng/ul#	79
84) 3,3'-Dichlorobenzidine	21.351	252	856041	56.285	ng/ul#	96
85) Benzo(a)anthracene	21.421	228	2512009	55.519	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.351	149	1569463	55.913	ng/ul#	82
87) Chrysene	21.480	228	2421854	55.478	ng/ul	99
89) Di-n-octyl phthalate	22.310	149	2739496	51.021	ng/ul	100
90) Benzo(b)fluoranthene	23.162	252	2771196	54.426	ng/ul	99
91) Benzo(k)fluoranthene	23.210	252	2499541	53.797	ng/ul#	98
93) Benzo(a)pyrene	23.809	252	2635062	55.831	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.515	276	3123268	63.282	ng/ul	96
95) Dibenzo(a,h)anthracene	26.539	278	2689946	62.855	ng/ul#	96
96) Benzo(g,h,i)perylene	27.309	276	2664728	65.481	ng/ul	93

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

