

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072623\
 Data File : BP016382.D
 Acq On : 26 Jul 2023 19:14
 Operator : MA/JU
 Sample : 03575-05MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCHA2MSD

Quant Time: Jul 27 00:12:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 25 23:56:16 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/27/2023
 Supervised By :mohammad ahmed 07/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	408342	20.000	ng/u1	0.00
20) Naphthalene-d8	10.928	136	1760401	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.740	164	1061769	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.498	188	2328227	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	2052184	20.000	ng/u1	0.00
88) Perylene-d12	24.192	264	2055134	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	71977	6.950	ng/uL	0.00
4) Pyridine-d5	3.852	84	1088539	37.046	ng/u1	0.00
7) Phenol-d5	7.228	99	1775527	51.960	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.434	67	982899	47.910	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	1326947	49.775	ng/u1	0.00
15) 4-Methylphenol-d8	8.799	113	1391425	50.633	ng/u1	0.00
21) Nitrobenzene-d5	9.293	128	651233	60.076	ng/u1	0.00
24) 2-Nitrophenol-d4	10.010	143	659441	73.760	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	1339793	54.065	ng/u1	0.00
31) 4-Chloroaniline-d4	11.081	131	1793179	46.514	ng/u1	0.00
46) Dimethylphthalate-d6	14.151	166	3769249	48.506	ng/u1	0.00
49) Acenaphthylene-d8	14.440	160	4454886	48.526	ng/u1	0.00
54) 4-Nitrophenol-d4	14.928	143	733276	56.317	ng/u1	0.00
60) Fluorene-d10	15.734	176	3241221	49.029	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	457157	59.614	ng/u1	0.00
73) Anthracene-d10	17.604	188	4936048	47.862	ng/u1	0.00
81) Pyrene-d10	19.827	212	5650784	48.494	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	5175533	52.197	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.464	88	206171	18.774	ng/uL	99
5) Pyridine	3.875	79	1346355	45.037	ng/u1	98
6) Benzaldehyde	7.246	77	976820	52.399	ng/u1	99
8) Phenol	7.258	94	1813656	51.038	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.528	93	1397433	48.004	ng/u1	98
12) 2-Chlorophenol	7.646	128	1380007	50.348	ng/u1	98
13) 2-Methylphenol	8.528	108	1373801	50.419	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.628	45	1608442m	45.663	ng/u1	
16) Acetophenone	8.946	105	2141529	49.380	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.922	70	1075063	47.604	ng/u1	98
18) 4-Methylphenol	8.863	108	1495222	51.360	ng/u1	98
19) Hexachloroethane	9.175	117	546900	47.693	ng/u1	94
22) Nitrobenzene	9.334	77	1583455	54.563	ng/u1	97
23) Isophorone	9.852	82	3117324	47.689	ng/u1	100
25) 2-Nitrophenol	10.040	139	733524	65.754	ng/u1	98
26) 2,4-Dimethylphenol	10.075	107	1542514	48.904	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.340	93	1903100	48.289	ng/u1	99
29) 2,4-Dichlorophenol	10.563	162	1325844	52.924	ng/u1	98
30) Naphthalene	10.981	128	4398636	48.243	ng/u1	100
32) 4-Chloroaniline	11.104	127	1797797	47.568	ng/u1	98
33) Hexachlorobutadiene	11.216	225	774642	47.049	ng/u1	98
34) Caprolactam	11.904	113	463308m	51.918	ng/u1	
35) 4-Chloro-3-methylphenol	12.193	107	1470477	53.029	ng/u1	98
36) 2-Methylnaphthalene	12.575	142	2970006	47.798	ng/u1	98

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37) 1-Methylnaphthalene	12.793	142	2949587	47.477	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.922	216	1522274	48.529	ng/ul	99
40) Hexachlorocyclopentadiene	12.881	237	785958	35.098	ng/ul	98
41) 2,4,6-Trichlorophenol	13.169	196	1032487	55.865	ng/ul	98
42) 2,4,5-Trichlorophenol	13.234	196	1154540	58.372	ng/ul	99
43) 1,1'-Biphenyl	13.581	154	3887216	48.486	ng/ul	100
44) 2-Chloronaphthalene	13.622	162	3057362	48.748	ng/ul	100
45) 2-Nitroaniline	13.845	65	887315	67.616	ng/ul	94
47) Dimethylphthalate	14.204	163	5175864	66.048	ng/ul	100
48) 2,6-Dinitrotoluene	14.334	165	781191	69.176	ng/ul	93
50) Acenaphthylene	14.469	152	4716713	45.097	ng/ul	100
51) 3-Nitroaniline	14.669	138	863318	65.347	ng/ul#	95
52) Acenaphthene	14.804	153	3262310	48.373	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	275655	57.073	ng/ul	92
55) 4-Nitrophenol	14.945	109	578793	55.147	ng/ul	97
56) Dibenzofuran	15.139	168	4473254	48.452	ng/ul	100
57) 2,4-Dinitrotoluene	15.110	165	1097007	68.136	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.345	232	937500	59.415	ng/ul	95
59) Diethylphthalate	15.557	149	3844662	48.711	ng/ul	100
61) Fluorene	15.792	166	3542854	47.244	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.781	204	1714712	46.904	ng/ul	99
63) 4-Nitroaniline	15.839	138	850111	70.173	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.863	198	503509	54.921	ng/ul	98
67) N-Nitrosodiphenylamine	15.998	169	3145074	48.178	ng/ul	99
68) 4-Bromophenyl-phenylether	16.681	248	1129884	51.172	ng/ul	99
69) Hexachlorobenzene	16.763	284	1279870	48.338	ng/ul	98
70) Atrazine	16.957	200	1123249	47.160	ng/ul	99
71) Pentachlorophenol	17.122	266	1443054	96.716	ng/ul	99
72) Phenanthrene	17.545	178	5804010	47.907	ng/ul	99
74) Anthracene	17.639	178	5748669	46.582	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.528	216	1497268	44.552	ng/ul	99
76) Pentachlorobenzene	15.028	250	1426640	48.038	ng/ul	99
77) Carbazole	17.910	167	5498998	51.767	ng/ul	99
78) Di-n-butylphthalate	18.433	149	6762041	49.986	ng/ul	100
80) Fluoranthene	19.498	202	6711744	48.051	ng/ul	98
82) Pyrene	19.857	202	6861558	47.548	ng/ul	100
83) Butylbenzylphthalate	20.722	149	3145008	57.566	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.510	252	1953356	43.307	ng/ul	99
85) Benzo(a)anthracene	21.574	228	6608063	47.540	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.469	149	4756108	57.071	ng/ul	99
87) Chrysene	21.633	228	6205059	48.205	ng/ul	99
89) Di-n-octyl phthalate	22.468	149	8056262	62.362	ng/ul	100
90) Benzo(b)fluoranthene	23.386	252	6406085	52.050	ng/ul	99
91) Benzo(k)fluoranthene	23.439	252	6388885	52.163	ng/ul	99
93) Benzo(a)pyrene	24.080	252	5451035	47.028	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.980	276	6376360	47.639	ng/ul	98
95) Dibenzo(a,h)anthracene	27.009	278	5330226	48.150	ng/ul	98
96) Benzo(g,h,i)perylene	27.845	276	5002395	47.208	ng/ul	99

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

