

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
 Data File : BP023488.D
 Acq On : 18 Dec 2024 06:22
 Operator : RC/JU
 Sample : P5258-06MSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E28X0MSD

Quant Time: Dec 18 08:10:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/19/2024
 Supervised By :mohammad ahmed 12/19/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	325978	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.263	136	1176073	20.000	ng/u1	#-0.02
38) Acenaphthene-d10	14.139	164	834548	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.945	188	1837277	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.374	240	1841135	20.000	ng/u1	#-0.01
88) Perylene-d12	24.539	264	1946767	20.000	ng/u1	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	38032	4.295	ng/uL	-0.01
4) Pyridine-d5	3.499	84	547374	24.041	ng/u1	-0.02
7) Phenol-d5	6.740	99	728945	28.500	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.875	67	464583	28.790	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.075	132	522645	27.686	ng/u1	-0.01
15) 4-Methylphenol-d8	8.246	113	534713	25.903	ng/u1	-0.01
21) Nitrobenzene-d5	8.675	128	255309	29.071	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.381	143	304541	30.088	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	9.916	165	585863	27.425	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.422	131	566138	23.657	ng/u1	-0.02
46) Dimethylphthalate-d6	13.563	166	1687241	26.043	ng/u1	0.00
49) Acenaphthylene-d8	13.834	160	1823861	26.690	ng/u1	0.00
54) 4-Nitrophenol-d4	14.416	143	224577	28.287	ng/u1	0.00
60) Fluorene-d10	15.151	176	1365990	23.971	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.316	200	235245	21.186	ng/u1	0.00
73) Anthracene-d10	17.051	188	2149447	25.634	ng/u1	0.00
81) Pyrene-d10	19.433	212	2389499	24.841	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.321	264	2043959	19.613	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.122	88	95372	9.735	ng/uL	95
5) Pyridine	3.516	79	680042	29.240	ng/u1	91
6) Benzaldehyde	6.705	77	92124	6.300	ng/u1	96
8) Phenol	6.763	94	906184	34.032	ng/u1#	83
10) Bis(2-Chloroethyl)ether	6.969	93	674445	32.088	ng/u1	99
12) 2-Chlorophenol	7.104	128	599244	30.280	ng/u1	99
13) 2-Methylphenol	7.987	108	615143	31.150	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.034	45	832379	32.565	ng/u1	98
16) Acetophenone	8.340	105	982722	28.285	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.322	70	538233	28.430	ng/u1	94
18) 4-Methylphenol	8.310	108	665562	31.226	ng/u1	93
19) Hexachloroethane	8.569	117	270208	28.042	ng/u1	88
22) Nitrobenzene	8.716	77	819508	30.668	ng/u1	98
23) Isophorone	9.222	82	1497070	31.630	ng/u1#	98
25) 2-Nitrophenol	9.410	139	354508	32.789	ng/u1#	84
26) 2,4-Dimethylphenol	9.481	107	695135	29.035	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.698	93	895593	33.491	ng/u1	98
29) 2,4-Dichlorophenol	9.946	162	646483	30.535	ng/u1	99
30) Naphthalene	10.316	128	1866969	30.323	ng/u1	99
32) 4-Chloroaniline	10.451	127	540392	23.288	ng/u1	98
33) Hexachlorobutadiene	10.587	225	473338	25.204	ng/u1	96
34) Caprolactam	11.245	113	201837	32.673	ng/u1	91
35) 4-Chloro-3-methylphenol	11.592	107	713976	31.057	ng/u1	94
36) 2-Methylnaphthalene	11.934	142	1338796	29.323	ng/u1	95

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37) 1-Methylnaphthalene	12.157	142	1355694	29.139	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.310	216	883463	29.009	ng/ul	96
40) Hexachlorocyclopentadiene	12.275	237	228465	15.614	ng/ul	99
41) 2,4,6-Trichlorophenol	12.569	196	587622	32.605	ng/ul	99
42) 2,4,5-Trichlorophenol	12.657	196	638836	33.176	ng/ul	100
43) 1,1'-Biphenyl	12.957	154	1834673	31.027	ng/ul	97
44) 2-Chloronaphthalene	13.004	162	1494147	31.239	ng/ul	96
45) 2-Nitroaniline	13.239	65	483485	34.890	ng/ul	89
47) Dimethylphthalate	13.604	163	1864565	29.217	ng/ul	99
48) 2,6-Dinitrotoluene	13.728	165	405503	33.161	ng/ul	90
50) Acenaphthylene	13.863	152	2208036	31.729	ng/ul	100
51) 3-Nitroaniline	14.075	138	353315	34.474	ng/ul	99
52) Acenaphthene	14.210	153	1562137	30.712	ng/ul	99
53) 2,4-Dinitrophenol	14.316	184	202783	25.716	ng/ul#	86
55) 4-Nitrophenol	14.428	109	321645	30.073	ng/ul#	74
56) Dibenzofuran	14.551	168	2270076	29.387	ng/ul	95
57) 2,4-Dinitrotoluene	14.551	165	580299	29.450	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.786	232	536747	28.078	ng/ul#	96
59) Diethylphthalate	14.986	149	1856020	29.161	ng/ul	99
61) Fluorene	15.204	166	1846848	29.363	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.204	204	993047	27.221	ng/ul	98
63) 4-Nitroaniline	15.269	138	359783	39.913	ng/ul#	83
66) 4,6-Dinitro-2-methylph...	15.333	198	332990	28.269	ng/ul#	98
67) N-Nitrosodiphenylamine	15.428	169	1577769	33.628	ng/ul	99
68) 4-Bromophenyl-phenylether	16.122	248	636602	29.351	ng/ul	98
69) Hexachlorobenzene	16.233	284	723068	27.213	ng/ul	97
70) Atrazine	16.416	200	652936	31.982	ng/ul	99
71) Pentachlorophenol	16.598	266	467193	30.124	ng/ul	95
72) Phenanthrene	16.992	178	3224657	33.949	ng/ul	99
74) Anthracene	17.092	178	3089360	32.528	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.928	216	870202	32.858	ng/uL	99
76) Pentachlorobenzene	14.469	250	855820	29.318	ng/uL	99
77) Carbazole	17.380	167	2752138	35.568	ng/ul	99
78) Di-n-butylphthalate	17.945	149	3298957	34.698	ng/ul	99
80) Fluoranthene	19.086	202	4162824	37.767	ng/ul#	94
82) Pyrene	19.463	202	4152075	35.499	ng/ul#	95
83) Butylbenzylphthalate	20.410	149	1571343	38.789	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.274	252	822873	19.478	ng/ul#	97
85) Benzo(a)anthracene	21.357	228	3985093	32.278	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.274	149	2199709	37.813	ng/ul	100
87) Chrysene	21.421	228	3678739	31.093	ng/ul	100
89) Di-n-octyl phthalate	22.480	149	3745228	39.390	ng/ul	100
90) Benzo(b)fluoranthene	23.545	252	3957045	32.352	ng/ul#	98
91) Benzo(k)fluoranthene	23.615	252	3880874	31.889	ng/ul#	98
93) Benzo(a)pyrene	24.398	252	3625417	32.691	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.139	276	4517407m	31.697	ng/ul	
95) Dibenzo(a,h)anthracene	28.192	278	3566111m	31.267	ng/ul	
96) Benzo(g,h,i)perylene	29.227	276	3486251m	31.950	ng/ul	

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

