

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
 Data File : BP019207.D
 Acq On : 02 Jan 2024 14:39
 Operator : MA/JU
 Sample : 05918-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

GCF16MSD

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/04/2024
 Supervised By :mohammad ahmed 01/05/2024

Quant Time: Jan 03 01:23:25 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Dec 29 03:48:11 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	167031	20.000	ng/u1	0.00
20) Naphthalene-d8	10.593	136	620569	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.440	164	379349	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.198	188	891904	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	935797	20.000	ng/u1	0.00
88) Perylene-d12	23.669	264	1126502	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	21711	4.439	ng/uL	0.00
4) Pyridine-d5	3.658	84	129726	10.568	ng/u1	0.00
7) Phenol-d5	6.981	99	375053	25.039	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	215502	24.869	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	303502	25.133	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	234210	20.084	ng/u1	0.00
21) Nitrobenzene-d5	8.964	128	145203	27.068	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	165081	28.474	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	326137	27.858	ng/u1	0.00
31) 4-Chloroaniline-d4	10.746	131	55442	3.850	ng/u1	0.00
46) Dimethylphthalate-d6	13.863	166	869374	25.946	ng/u1	0.00
49) Acenaphthylene-d8	14.134	160	996788	27.417	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	143419	25.347	ng/u1	0.00
60) Fluorene-d10	15.440	176	780442	26.961	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	131830	22.546	ng/u1	0.00
73) Anthracene-d10	17.298	188	1174720	25.221	ng/u1	0.00
81) Pyrene-d10	19.545	212	1598764	28.033	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.516	264	1707107	26.364	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.270	88	46524	8.652	ng/uL	98
5) Pyridine	3.676	79	243975	19.580	ng/u1	96
6) Benzaldehyde	6.946	77	251435	36.153	ng/u1	96
8) Phenol	7.005	94	431342	29.155	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.234	93	341559	28.532	ng/u1	96
12) 2-Chlorophenol	7.364	128	331682	26.836	ng/u1	99
13) 2-Methylphenol	8.252	108	260066	23.762	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.328	45	382449	27.083	ng/u1	97
16) Acetophenone	8.628	105	536553	30.720	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.611	70	231291	26.557	ng/u1	98
18) 4-Methylphenol	8.581	108	304245	25.826	ng/u1	98
19) Hexachloroethane	8.869	117	139759	26.959	ng/u1	90
22) Nitrobenzene	9.005	77	367566	28.046	ng/u1	99
23) Isophorone	9.534	82	687292	29.081	ng/u1	100
25) 2-Nitrophenol	9.716	139	184553	29.814	ng/u1	97
26) 2,4-Dimethylphenol	9.781	107	93809	8.608	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.016	93	429537	27.499	ng/u1	99
29) 2,4-Dichlorophenol	10.252	162	340121	29.730	ng/u1	98
30) Naphthalene	10.646	128	1048556	28.025	ng/u1	100
32) 4-Chloroaniline	10.769	127	76862	5.563	ng/u1	100
33) Hexachlorobutadiene	10.922	225	260464	29.583	ng/u1	99
34) Caprolactam	11.563	113	103920	34.390	ng/u1	94
35) 4-Chloro-3-methylphenol	11.899	107	317674	28.287	ng/u1	99
36) 2-Methylnaphthalene	12.257	142	714746	28.333	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.475	142	711776	27.980	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.628	216	469233	30.034	ng/ul	98
40) Hexachlorocyclopentadiene	12.605	237	258944	29.860	ng/ul	96
41) 2,4,6-Trichlorophenol	12.875	196	292635	31.385	ng/ul	97
42) 2,4,5-Trichlorophenol	12.952	196	314705	31.796	ng/ul	99
43) 1,1'-Biphenyl	13.275	154	929298	28.083	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	767463	28.903	ng/ul	100
45) 2-Nitroaniline	13.528	65	198091	31.076	ng/ul	98
47) Dimethylphthalate	13.910	163	950727	28.744	ng/ul	100
48) 2,6-Dinitrotoluene	14.028	165	192649	31.697	ng/ul	96
50) Acenaphthylene	14.163	152	1208259	29.538	ng/ul	100
51) 3-Nitroaniline	14.363	138	67005	11.277	ng/ul	96
52) Acenaphthene	14.504	153	799662	28.844	ng/ul	100
53) 2,4-Dinitrophenol	14.569	184	96270	24.586	ng/ul	94
55) 4-Nitrophenol	14.681	109	146505	32.399	ng/ul	97
56) Dibenzofuran	14.840	168	1138850	28.765	ng/ul	98
57) 2,4-Dinitrotoluene	14.816	165	273569	30.606	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.075	232	296630	34.303	ng/ul	98
59) Diethylphthalate	15.275	149	957080	29.844	ng/ul	100
61) Fluorene	15.493	166	934336	29.485	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.493	204	504771	29.168	ng/ul	98
63) 4-Nitroaniline	15.522	138	98340m	16.450	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.581	198	159004	25.684	ng/ul	98
67) N-Nitrosodiphenylamine	15.710	169	785805	28.868	ng/ul	99
68) 4-Bromophenyl-phenylether	16.387	248	343094	30.949	ng/ul	99
69) Hexachlorobenzene	16.498	284	402873	29.738	ng/ul	98
70) Atrazine	16.675	200	316092	41.147	ng/ul	99
71) Pentachlorophenol	16.851	266	630667	79.290	ng/ul	98
72) Phenanthrene	17.240	178	1587333	29.367	ng/ul	99
74) Anthracene	17.334	178	1499365	27.864	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.234	216	452953	29.208	ng/ul	99
76) Pentachlorobenzene	14.757	250	442354	28.706	ng/ul	98
77) Carbazole	17.610	167	1478457	33.031	ng/ul	100
78) Di-n-butylphthalate	18.163	149	1745231	31.439	ng/ul	99
80) Fluoranthene	19.216	202	2046820	31.276	ng/ul	99
82) Pyrene	19.569	202	2079762	30.332	ng/ul	99
83) Butylbenzylphthalate	20.457	149	831988	33.969	ng/ul	96
85) Benzo(a)anthracene	21.286	228	2217573	29.993	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	1212343	33.615	ng/ul	100
87) Chrysene	21.339	228	2074670	30.092	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	2155321	33.458	ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	2431246	30.726	ng/ul	99
91) Benzo(k)fluoranthene	22.998	252	2228123	28.657	ng/ul	98
93) Benzo(a)pyrene	23.569	252	2131721	28.623	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.127	276	2824801	29.588	ng/ul	97
95) Dibenzo(a,h)anthracene	26.145	278	2350921	29.601	ng/ul	99
96) Benzo(g,h,i)perylene	26.886	276	2221867	29.041	ng/ul	97

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

