

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
 Data File : BP022669.D
 Acq On : 27 Oct 2024 09:35
 Operator : RC/JU
 Sample : P4559-12MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

GCNY7MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024

Quant Time: Oct 28 03:28:07 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Oct 26 05:55:04 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	98053	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.410	136	369031	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	299371	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	657881	20.000	ng/u1	-0.03
79) Chrysene-d12	21.504	240	735391	20.000	ng/u1	0.00
88) Perylene-d12	24.763	264	835564	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	10700	4.241	ng/uL	-0.02
4) Pyridine-d5	3.599	84	57060	8.237	ng/u1	-0.01
7) Phenol-d5	6.846	99	66124	8.011	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	151693	31.270	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.193	132	172927	29.527	ng/u1	-0.01
15) 4-Methylphenol-d8	8.358	113	127545	19.363	ng/u1	0.00
21) Nitrobenzene-d5	8.799	128	102861	36.251	ng/u1	0.00
24) 2-Nitrophenol-d4	9.505	143	124748	37.974	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	260582	37.322	ng/u1	0.00
31) 4-Chloroaniline-d4	10.552	131	249458	30.237	ng/u1	0.00
46) Dimethylphthalate-d6	13.675	166	872987	36.702	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	898256	35.556	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.510	143	33169	8.312	ng/u1	0.00
60) Fluorene-d10	15.269	176	659268	31.955	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.416	200	163049	37.684	ng/u1	0.00
73) Anthracene-d10	17.175	188	1163205	37.585	ng/u1	0.00
81) Pyrene-d10	19.545	212	1525220	39.220	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.533	264	1759004	39.419	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.217	88	12438	4.585	ng/uL	99
5) Pyridine	3.617	79	64182	9.037	ng/u1	94
6) Benzaldehyde	6.811	77	113931	25.543	ng/u1	99
8) Phenol	6.869	94	73051	8.507	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.081	93	210379	32.735	ng/u1	100
12) 2-Chlorophenol	7.222	128	185585	30.644	ng/u1	95
13) 2-Methylphenol	8.099	108	147715	23.703	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.163	45	224184	30.014	ng/u1	98
16) Acetophenone	8.463	105	361588	33.251	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.446	70	180034	32.677	ng/u1	95
18) 4-Methylphenol	8.422	108	138762	20.071	ng/u1	99
19) Hexachloroethane	8.710	117	75976	26.937	ng/u1	88
22) Nitrobenzene	8.840	77	284759	33.621	ng/u1	94
23) Isophorone	9.358	82	498605	32.833	ng/u1	96
25) 2-Nitrophenol	9.534	139	128363	36.257	ng/u1	97
26) 2,4-Dimethylphenol	9.599	107	219579	28.534	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.828	93	284092	32.947	ng/u1	98
29) 2,4-Dichlorophenol	10.069	162	257419	37.439	ng/u1	98
30) Naphthalene	10.463	128	672466	34.212	ng/u1	99
32) 4-Chloroaniline	10.569	127	164123	20.153	ng/u1	99
33) Hexachlorobutadiene	10.740	225	204790	35.339	ng/u1	99
34) Caprolactam	11.375	113	10568m	4.768	ng/u1	
35) 4-Chloro-3-methylphenol	11.710	107	252025	33.595	ng/u1	96
36) 2-Methylnaphthalene	12.069	142	514933	35.689	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	510220	34.646	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.440	216	411005	37.130	ng/ul	95
40) Hexachlorocyclopentadiene	12.416	237	134780	19.985	ng/ul#	93
41) 2,4,6-Trichlorophenol	12.693	196	266322	38.249	ng/ul	99
42) 2,4,5-Trichlorophenol	12.769	196	289385	39.032	ng/ul	98
43) 1,1'-Biphenyl	13.087	154	769721	35.671	ng/ul	99
44) 2-Chloronaphthalene	13.134	162	627398	35.518	ng/ul	99
45) 2-Nitroaniline	13.346	65	183987	34.882	ng/ul	90
47) Dimethylphthalate	13.728	163	857535	36.181	ng/ul	99
48) 2,6-Dinitrotoluene	13.846	165	181318	40.445	ng/ul	92
50) Acenaphthylene	13.987	152	922445	35.182	ng/ul	100
51) 3-Nitroaniline	14.187	138	153413	36.435	ng/ul	92
52) Acenaphthene	14.340	153	664324	35.831	ng/ul	98
53) 2,4-Dinitrophenol	14.410	184	122598	37.169	ng/ul	95
55) 4-Nitrophenol	14.522	109	39011	8.809	ng/ul	96
56) Dibenzofuran	14.669	168	886136	31.818	ng/ul	100
57) 2,4-Dinitrotoluene	14.657	165	247888	35.584	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.904	232	243198	35.143	ng/ul#	97
59) Diethylphthalate	15.116	149	745109	32.768	ng/ul	99
61) Fluorene	15.322	166	730225	32.180	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.322	204	412813	31.812	ng/ul	99
63) 4-Nitroaniline	15.357	138	157095m	37.078	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.434	198	176790	37.934	ng/ul	99
67) N-Nitrosodiphenylamine	15.551	169	639886	36.321	ng/ul	99
68) 4-Bromophenyl-phenylether	16.240	248	305491	38.506	ng/ul	96
69) Hexachlorobenzene	16.357	284	384536	39.378	ng/ul	96
70) Atrazine	16.528	200	275817	37.664	ng/ul	97
71) Pentachlorophenol	16.710	266	233285	37.153	ng/ul	97
72) Phenanthrene	17.104	178	1327032	37.703	ng/ul	99
74) Anthracene	17.210	178	1309468	37.280	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	411481	41.078	ng/uL	98
76) Pentachlorobenzene	14.593	250	465573	42.044	ng/uL	97
77) Carbazole	17.492	167	1184607	38.115	ng/ul	99
78) Di-n-butylphthalate	18.063	149	1324720	38.521	ng/ul	100
80) Fluoranthene	19.192	202	1784601	39.917	ng/ul	99
82) Pyrene	19.575	202	1845171	38.507	ng/ul	99
83) Butylbenzylphthalate	20.528	149	655399	39.285	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.404	252	587649	33.522	ng/ul	100
85) Benzo(a)anthracene	21.480	228	1942276	37.675	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	921270	38.472	ng/ul	100
87) Chrysene	21.551	228	1811190	37.889	ng/ul	100
89) Di-n-octyl phthalate	22.651	149	1556052	39.151	ng/ul	100
90) Benzo(b)fluoranthene	23.727	252	2116311	40.237	ng/ul#	98
91) Benzo(k)fluoranthene	23.792	252	2052011	39.849	ng/ul	99
93) Benzo(a)pyrene	24.610	252	1852131	38.262	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.462	276	2463960	38.144	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.539	278	1997345m	38.184	ng/ul	
96) Benzo(g,h,i)perylene	29.592	276	1910697	38.028	ng/ul	98

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

