

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082624\
 Data File : BP021684.D
 Acq On : 28 Aug 2024 00:07
 Operator : RC/JU
 Sample : P3675-21MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCYA1MSD

Quant Time: Aug 28 01:33:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 27 05:11:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/28/2024
 Supervised By :mohammad ahmed 08/29/2024

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 ahmed

08/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	314201	20.000	ng/u1	0.00
20) Naphthalene-d8	10.581	136	1272258	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.434	164	824612	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	1825528	20.000	ng/u1	-0.01
79) Chrysene-d12	21.686	240	1869108	20.000	ng/u1	0.00
88) Perylene-d12	25.092	264	2231464	20.000	ng/u1	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	39359	4.159	ng/uL	0.00
4) Pyridine-d5	3.687	84	596053	21.774	ng/u1	0.00
7) Phenol-d5	6.963	99	814207	24.282	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	433429	23.752	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	526946	24.341	ng/u1	0.00
15) 4-Methylphenol-d8	8.493	113	574110	22.157	ng/u1	0.00
21) Nitrobenzene-d5	8.940	128	254485	24.862	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	266757	25.674	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	535124	26.136	ng/u1	0.00
31) 4-Chloroaniline-d4	10.704	131	729262	24.482	ng/u1	0.00
46) Dimethylphthalate-d6	13.834	166	1632189	25.868	ng/u1	0.00
49) Acenaphthylene-d8	14.122	160	1839023	25.960	ng/u1	0.00
54) 4-Nitrophenol-d4	14.634	143	318767	26.554	ng/u1	0.00
60) Fluorene-d10	15.439	176	1391247	26.227	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.557	200	227987	22.707	ng/u1	-0.01
73) Anthracene-d10	17.339	188	2290428	26.437	ng/u1	-0.01
81) Pyrene-d10	19.710	212	2834664	26.530	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.857	264	3277404	27.544	ng/u1	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	3.311	88	118600	11.791	ng/uL 98
5) Pyridine	3.705	79	822805	30.080	ng/u1 98
6) Benzaldehyde	6.934	77	590558	34.433	ng/u1 98
8) Phenol	6.987	94	1141388	32.645	ng/u1 99
10) Bis(2-Chloroethyl)ether	7.216	93	853071	31.389	ng/u1 99
12) 2-Chlorophenol	7.363	128	744355	32.760	ng/u1 99
13) 2-Methylphenol	8.228	108	809023	32.075	ng/u1 99
14) 2,2'-oxybis(1-Chloropr...	8.310	45	821673	31.324	ng/u1 99
16) Acetophenone	8.610	105	1304185	31.396	ng/u1 99
17) N-Nitroso-di-n-propyla...	8.593	70	616489	31.448	ng/u1 99
18) 4-Methylphenol	8.557	108	889864	32.225	ng/u1 100
19) Hexachloroethane	8.875	117	321155	31.611	ng/u1 98
22) Nitrobenzene	8.981	77	956090	33.498	ng/u1 100
23) Isophorone	9.510	82	1841813	32.158	ng/u1 100
25) 2-Nitrophenol	9.687	139	394655	34.283	ng/u1 99
26) 2,4-Dimethylphenol	9.751	107	881316	31.193	ng/u1 99
27) Bis(2-Chloroethoxy)met...	9.987	93	1142663	31.812	ng/u1 99
29) 2,4-Dichlorophenol	10.228	162	697640	33.908	ng/u1 98
30) Naphthalene	10.628	128	2311283	32.233	ng/u1 100
32) 4-Chloroaniline	10.728	127	844501	28.082	ng/u1 98
33) Hexachlorobutadiene	10.922	225	433876	31.430	ng/u1 99
34) Caprolactam	11.510	113	280066	32.191	ng/u1 97
35) 4-Chloro-3-methylphenol	11.857	107	934703	34.325	ng/u1 99
36) 2-Methylnaphthalene	12.240	142	1557283	32.109	ng/u1 99

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37) 1-Methylnaphthalene	12.457	142	1529657	31.357	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.610	216	851686	32.770	ng/ul	99
40) Hexachlorocyclopentadiene	12.592	237	362828	24.329	ng/ul	99
41) 2,4,6-Trichlorophenol	12.851	196	560294	33.483	ng/ul	100
42) 2,4,5-Trichlorophenol	12.922	196	619434	34.282	ng/ul	99
43) 1,1'-Biphenyl	13.257	154	2021467	32.402	ng/ul	98
44) 2-Chloronaphthalene	13.298	162	1601750	32.744	ng/ul	99
45) 2-Nitroaniline	13.492	65	554365	36.175	ng/ul	98
47) Dimethylphthalate	13.881	163	2027459	32.090	ng/ul	99
48) 2,6-Dinitrotoluene	13.998	165	410109	35.196	ng/ul	99
50) Acenaphthylene	14.151	152	2543117	33.379	ng/ul	99
51) 3-Nitroaniline	14.328	138	472279	37.091	ng/ul	98
52) Acenaphthene	14.498	153	1722287	32.145	ng/ul	100
53) 2,4-Dinitrophenol	14.534	184	200401	28.728	ng/ul	99
55) 4-Nitrophenol	14.645	109	465984	42.395	ng/ul	90
56) Dibenzofuran	14.834	168	2393735	32.293	ng/ul	99
57) 2,4-Dinitrotoluene	14.792	165	619039	35.354	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.069	232	514490	33.049	ng/ul	100
59) Diethylphthalate	15.269	149	2040817	32.167	ng/ul	100
61) Fluorene	15.498	166	1957539	32.650	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.492	204	955647	31.722	ng/ul	98
63) 4-Nitroaniline	15.504	138	504195	40.971	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.569	198	338946	30.179	ng/ul	100
67) N-Nitrosodiphenylamine	15.710	169	1714905	31.933	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	621752	30.852	ng/ul	98
69) Hexachlorobenzene	16.522	284	738598	30.872	ng/ul	97
70) Atrazine	16.692	200	488942	24.002	ng/ul	99
71) Pentachlorophenol	16.880	266	475895	31.080	ng/ul	97
72) Phenanthrene	17.280	178	3247291	32.401	ng/ul	99
74) Anthracene	17.375	178	3198993	31.507	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.216	216	827693	30.496	ng/ul	99
76) Pentachlorobenzene	14.757	250	812689	28.889	ng/ul	99
77) Carbazole	17.651	167	3129198	34.266	ng/ul	100
78) Di-n-butylphthalate	18.251	149	3642958	32.773	ng/ul	100
80) Fluoranthene	19.363	202	4023080	32.266	ng/ul	99
82) Pyrene	19.739	202	4249061	32.177	ng/ul	99
83) Butylbenzylphthalate	20.686	149	1769740	32.733	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.586	252	1415187	30.044	ng/ul	99
85) Benzo(a)anthracene	21.663	228	4424838	33.280	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.610	149	2543741	31.876	ng/ul	99
87) Chrysene	21.733	228	4061887	32.462	ng/ul	99
89) Di-n-octyl phthalate	22.910	149	4468823	31.638	ng/ul	100
90) Benzo(b)fluoranthene	24.015	252	4693660	33.616	ng/ul	99
91) Benzo(k)fluoranthene	24.086	252	4510930	33.001	ng/ul	99
93) Benzo(a)pyrene	24.939	252	4191134	32.581	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.974	276	5574655m	33.611	ng/ul	
95) Dibenzo(a,h)anthracene	29.062	278	4495211	33.728	ng/ul	99
96) Benzo(g,h,i)perylene	30.156	276	4419408	34.486	ng/ul	100

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

